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EXTENT OF RURAL HEALTH SERVICE IN THE UNITED STATES, DECEMBER 31, 1932, TO DECEMBER 31, 1936

INTRODUCTION

In presenting statistics with respect to the extent of rural health service in the United States it is deemed necessary to define what should be included under this classification. Every State provides some form of health service to its rural population, fragmentary though it may be. It is almost universally found that the State and local laws provide for local—township, village, or county—part-time health officers, and prescribe rules for the theoretical protection of public health. Though such provisions might be claimed as evidence of health service to local communities, they cannot, in the light of our modern knowledge of the causes of disease and methods of control, be credited as having any considerable value as instruments of disease prevention and health conservation.

The type of State health organization is also responsible for differences of interpretation as to the meaning of the term "rural health service." In certain States where the township has been the dominating factor in local government, the tendency has been to centralize authority and responsibility for health administration in the State health organization, since the township is too small a unit of local government to maintain a modern local health service. In those States, however, where county government is strong, it has been found logical and practicable to decentralize the administration of health service by building up within the counties health units having charge of and capable of handling all phases of local health work. In the former group of States it may be held that health service to local communities is furnished from the central organization. To a certain extent this is true. It is, however, believed to be self-evident that the closer the system of health administration comes to the people who are to receive it, the more effective the service is calculated to be. For this reason the type of organization which has become recognized as the minimum standard capable of furnishing a complete health service to local communities is the so-called health unit, consisting of a medical director, public health nurse, sanitary engineer or sanitarian, and an office clerk, all of whom are technically trained in their respective fields of duty and devote their full time to this work.

Ordinarily the smallest governmental unit suitable for the development of a health unit is a county or city. It is well known, however, that a health unit confined to one county is beyond the reach of a large number of the counties in the United States. It is therefore generally conceded that if health service is ever to be made available to all local communities, as it should be, the only alternative is to group those counties which are unable to maintain separate health units into districts of two or more counties each, under the supervision of whole-time unit personnel consisting of a medical director having jurisdiction over the entire district and at least one nurse and one sanitarian for each component county. This type of local health organization has been developed extensively during the past year, and in future years will probably become the commonest type of local health unit. In the report which follows, local health service is listed by counties, without reference to districts. Where district organization exists the counties composing the district are listed separately, with appropriate notations to show that the county belongs to a district group.

It will be noted that this report pertains to rural health service. The Census Bureau classifies population groups of 2,500 or less as rural. It is not to be understood that this report excludes towns and cities whose population is over 2,500. The application of the term "rural" in this report is to distinguish from "municipal." Many of the county health units serve one or more municipalities within their borders, yet they are reported as rural health services since the municipality is only a component part of the county, and the controlling interest is, in most instances, vested in the county.

With the foregoing explanations in mind, it is believed that the information set forth in the succeeding tables will be more intelligible.

ALABAMA

Of the 67 counties in Alabama, 57 are now organized on a whole-time county health unit basis. By comparing the list of 1935 with that of 1936 it will be found that one county, Autauga, is missing from the 1936 list, whereas two counties, Butler and Henry, have been added, making a net gain of one county for the year. Alabama represents an outstanding example of organization on a county basis, there being no district health units in the State.

The lists following the text statements for each State show the counties, townships, or districts in the United States in which rural sections were provided with health service under whole-time health officers each year from 1932 to 1936, as of December 31.

1932	1933	1934	1935	1936
Baldwin	Barbour	Autauga	Autauga	Baldwin
Barbour	Blount	Barbour	Baldwin	Barbour
Blount	Bullock	Blount	Barbour	Blount
Bullock	Calhoun	Bullock	Blount	Bullock
Calhoun	Chambers	Calhoun	Bullock	Butler
Chambers	Cherokee	Chambers	Calhoun	Calhoun
Cherokee	Cleburne	Cherokee	Chambers	Chambers
Choctaw	Conecuh	Cleburne	Cherokee	Cherokee
Clarke	Covington	Colbert	Chilton	Chilton
Cleburne	Crenshaw	Conecuh	Cleburne	Cleburne
Coffee	Cullman	Covington	Coffee	Coffee
Colbert	Dale	Crenshaw	Colbert	Colbert
Conecuh	Dallas	Cullman	Conecuh	Conecuh
Covington	De Kalb	Dale	Coosa	Coosa
Crenshaw	Elmore	Dallas	Covington	Covington
Cullman	Escambia	Elmore	Crenshaw	Crenshaw
Dale	Etowah	Escambia	Cullman	Cullman
Dallas	Franklin	Etowah	Dale	Dale
De Kalb	Geneva	Franklin	Dallas	Dallas
Elmore	Houston	Houston	De Kalb	De Kalb
Escambia	Jackson	Jackson	Elmore	Elmore
Etowah	Jefferson	Jefferson	Escambia	Escambia
Franklin	Lauderdale	Lamar	Etowah	Etowah
Geneva	Lawrence	Lauderdale	Franklin	Franklin
Houston	Lee	Lawrence	Houston	Henry
Jackson	Limestone	Lee	Jackson	Houston
Jefferson	Macon	Limestone	Jefferson	Jackson
Lamar	Madison	Lowndes	Lamar	Jefferson
Lauderdale	Marengo	Macon	Lauderdale	Lamar
Lawrence	Marion	Madison	Lawrence	Lauderdale
Lee	Marshall	Marengo	Lee	Lawrence
Limestone	Mobile	Marion	Limestone	Lee
Lowndes	Monroe	Marshall	Lowndes	Limestone
Macon	Montgomery	Mobile	Macon	Lowndes
Madison	Morgan	Monroe	Madison	Macon
Marengo	Perry	Montgomery	Marengo	Madison
Marion	Pickens	Morgan	Marion	Marengo
Marshall	Pike	Perry	Marshall	Marion
Mobile	Shelby	Pickens	Mobile	Marshall
Monroe	Sumter	Pike	Monroe	Mobile
Montgomery	Talladega	Russell	Montgomery	Monroe
Morgan	Tallapoosa	Shelby	Morgan	Montgomery
Perry	Tuscaloosa	Sumter	Perry	Morgan
Pickens	Walker	Talladega	Pickens	Perry
Pike	Washington	Tallapoosa	Pike	Pickens
Shelby	Wilcox	Tuscaloosa	Randolph	Pike
Sumter		Walker	Russell	Randolph
Talladega		Washington	Shelby	Russell
Tallapoosa		Wilcox	Sumter	Shelby
Tuscaloosa		Winston	Talladega	Sumter
Walker			Tallapoosa	Talladega
Washington			Tuscaloosa	Tallapoosa
Wilcox			Walker	Tuscaloosa
Winston			Washington	Walker
			Wilcox	Washington
			Winston	Wilcox
				Winston

ARIZONA

Arizona contains a total of 14 counties, 5 of which are now under whole-time county health administration as compared with 4 in 1935. The same counties as were in operation in 1935 were continued in 1936, with the addition of Yuma. While the number of counties is only slightly over a third of the entire number in the State it should be noted that counties having whole-time health units comprise the larger population centers and consequently serve a much larger proportion of the entire population of the State.

1932	1933	1934	1935	1936
Cochise	Cochise	Cochise	Cochise	Cochise
Gila	Gila	Gila	Gila	Gila
Maricopa	Maricopa	Maricopa	Maricopa	Maricopa
Pima	Pima	Pima	Pima	Pima
				Yuma

ARKANSAS

In 1935 there were 19 counties in Arkansas under whole-time health administration, 16 of which had individual county health units, while 3 were included in a district organization. The list for 1936 shows a total of 39 counties, which is more than half of the 75 counties in the State and more than double the number reported for 1935. It will be noted, however, that the very great increase has been effected through the organization of district health units comprising two to four counties each.

1932	1933	1934	1935	1936
Arkansas[1]	Ashley	Ashley	Ashley	Arkansas[1]
Ashley	Clark	Clark	Benton[2]	Ashley[2]
Bradley	Conway	Conway	Clark	Benton[2]
Chicot	Crittenden	Crittenden	Crawford[2]	Calhoun[2]
Clark	Cross	Cross	Crittenden	Chicot[2]
Cleveland	Faulkner	Garland	Garland	Clark[2]
Conway	Garland	Jackson	Jackson	Cleburne[1]
Crittenden	Jackson	Jefferson	Jefferson	Conway
Cross	Jefferson	Little River	Little River	Crawford[2]
Drew	Little River	Mississippi	Mississippi	Crittenden
Garland	Lonoke	Monroe	Ouachita	Cross[2]
Jackson	Mississippi	Ouachita	Phillips	Dallas[2]
Jefferson	Monroe	Phillips	Pope	Drew[2]
Lincoln	Ouachita	Pope	Pulaski	Faulkner[1]
Little River	Phillips	Pulaski	Saline	Garland
Lonoke	Pope	Saline	Sebastian	Grant[2]
Mississippi	Pulaski	Sebastian	Washington[2]	Hempstead[2]
Monroe	Saline	Woodruff	Woodruff	Hot Spring[2]
Ouachita	Sebastian	Yell	Yell	Howard[2]
Phillips	Woodruff			Jackson[2]
Pope	Yell			Jefferson
Prairie[1]				Johnson[2]
Pulaski				Lee[1]
Saline				Little River[2]
Sebastian				Mississippi
Woodruff				Monroe[1]
Yell				Nevada[2]
				Ouachita[2]
				Phillips[1]
				Pope[2]
				Pulaski
				St. Francis
				Saline[2]
				Sebastian
				Sevier[2]
				Washington[2]
				White[2]
				Woodruff[2]
				Yell[2]

[1] Included in a district of 2 counties.
[2] Included in a district of 3 counties.
[3] Included in a district of 4 counties.

CALIFORNIA

Out of 58 counties in the State of California, 16 are under whole-time health administration, all of which are served by individual county units. The same counties as appear in the list for 1935 are reported for 1936, none having been added and none lost. As in the case of Arizona, the comparatively small number of counties is a bit misleading, since the largest concentration of population is found in those counties having whole-time health units.

1932	1933	1934	1935	1936
Contra Costa Imperial Los Angeles Madera Monterey Orange Riverside San Bernardino San Diego San Joaquin San Luis Obispo Santa Barbara Stanislaus Yolo	Contra Costa Imperial Los Angeles Madera Monterey Orange Riverside San Bernardino San Diego San Joaquin San Luis Obispo Santa Barbara Stanislaus	Alameda Contra Costa Imperial Los Angeles Madera Monterey Orange Riverside San Bernardino San Diego San Joaquin San Luis Obispo San Mateo Santa Barbara Stanislaus	Alameda Contra Costa Fresno Imperial Los Angeles Madera Monterey Orange Riverside San Bernardino San Diego San Joaquin San Luis Obispo San Mateo Santa Barbara Stanislaus	Alameda Contra Costa Fresno Imperial Los Angeles Madera Monterey Orange Riverside San Bernardino San Diego San Joaquin San Luis Obispo San Mateo Santa Barbara Stanislaus

DELAWARE

Since 1927, Delaware has been reported as having all of its counties under whole-time health administration. Delaware has the distinction of being the first State to achieve 100-percent organization on a whole-time county basis.

1932	1933	1934	1935	1936
Kent New Castle Sussex	Kent New Castle Sussex	Kent New Castle Sussex	Kent New Castle Sussex	Kent New Castle Sussex

FLORIDA

Up to 1936, whole-time county health service in Florida had made little advancement, only 3 of the 67 counties having this type of service. The list for 1936 represents phenomenal growth, 11 counties having been added during the year, 5 of which are included in a district organization.

1932	1933	1934	1935	1936
Escambia Leon Taylor	Escambia Leon	Escambia Leon	Escambia Jackson Leon	Broward Calhoun [1] Escambia Franklin [1] Gadsden Gulf [1] Hillsborough Jackson Leon Liberty [1] Monroe Pinellas Taylor Wakulla [1]

[1] Included in a district of 5 counties.

GEORGIA

Georgia is one of the States having a very large number of counties, the total being 161. In 1935, 31 counties were listed as having whole-time health service; the list for 1936 includes 58. All the counties in the 1935 list, with the exception of Fulton County, also appear in the list for 1936. The large increase in counties has been due principally to the formation of districts, one of which includes 11 counties and one 15.

1932	1933	1934	1935	1936
Baldwin	Baldwin	Baldwin	Baldwin	Appling [4]
Bartow	Bartow	Bartow	Bartow	Atkinson [4]
Bibb	Bibb	Bibb	Bibb	Bacon [4]
Brooks	Brooks	Camden [3]	Camden [3]	Baldwin
Catoosa [2]	Catoosa [1]	Catoosa [1]	Catoosa [1]	Bartow
Chatham	Chatham	Chatham	Chatham	Bibb
Clarke	Clarke	Clarke	Clarke	Brantley [4]
Cobb	Cobb	Cobb	Cobb	Brooks
Colquitt	Colquitt	Colquitt	Colquitt	Bryan [4]
Dade [2]	Decatur	Decatur	Decatur	Camden [3]
Decatur	De Kalb	De Kalb	De Kalb	Catoosa [1]
De Kalb	Dougherty	Dougherty	Dougherty	Charlton [4]
Dougherty	Floyd	Floyd	Floyd	Chatham
Floyd	Fulton	Glynn [3]	Fulton	Clarke
Fulton	Glynn [3]	Grady	Glynn [3]	Clinch [4]
Glynn	Grady	Hall	Grady	Cobb
Grady	Hall	Jefferson	Hall	Coffee [4]
Hall	Jefferson	Jenkins	Jefferson	Colquitt
Jefferson	Jenkins	Laurens	Jenkins	Columbia [3]
Jenkins	Laurens	Lowndes	Laurens	Decatur
Laurens	Lowndes	McIntosh [3]	Lowndes	De Kalb
Lowndes	Mitchell	Mitchell	McIntosh [3]	Dougherty
Mitchell	Richmond	Richmond	Mitchell	Echols [4]
Richmond	Spalding	Spalding	Richmond	Floyd
Spalding	Sumter	Sumter	Spalding	Glascock [3]
Sumter	Thomas	Thomas	Sumter	Glynn [3]
Thomas	Troup	Troup	Thomas	Grady
Troup	Walker [1]	Walker [1]	Troup	Green [3]
Walker [2]	Ware	Ware	Walker [1]	Hall
Ware	Washington	Washington	Ware	Hancock [3]
Washington			Washington	Jasper [3]
				Jeff Davis [4]
				Jefferson
				Jenkins
				Lanier [4]
				Laurens
				Liberty [4]
				Long [4]
				Lowndes
				McDuffie [3]
				McIntosh [3]
				Mitchell
				Morgan [3]
				Newton [3]
				Pierce [4]
				Putnam [3]
				Richmond
				Spalding
				Sumter
				Taliaferro [3]
				Terrell
				Thomas
				Troup
				Walker [1]
				Ware
				Warren [3]
				Washington
				Wayne [4]

[1] Included in a district of 2 counties.
[2] Included in a district of 3 counties.
[3] Included in a district of 11 counties.
[4] Included in a district of 15 counties.

IDAHO

The report shows one county, Twin Falls, having whole-time health service in 1932. For the years 1933, 1934, and 1935, there were no counties having this service. In the year 1936, however, four counties were organized on a whole-time basis, including Twin Falls, which dropped out during the 3 preceding years. In view of the primitive state of health administration that existed in Idaho before 1936 the organization of four whole-time county health units is regarded as a splendid achievement. There is a total of 44 counties in the State.

1932	1933	1934	1935	1936
Twin Falls				Bannock Latah [1] Nez Perce [1] Twin Falls

[1] Included in a district of 2 counties.

ILLINOIS

For the years 1932, 1933, and 1934, only DuPage County was reported as having whole-time health service. In 1935 even this county was lacking. In 1936, however, a splendid beginning was made toward the organization of local health service. It will be noted that 24 of a total of 102 counties have been brought under the district type of local whole-time health organization.

1932	1933	1934	1935	1936
Du Page	Du Page	Du Page		Clark [3] Coles [3] Cook [1] Cumberland [3] Franklin [3] Gallatin [3] Hamilton [3] Hardin [3] Henry [3] Jasper [3] Jefferson [3] Knox [3] Lake [1] Marshall [3] Mercer [3] Peoria [3] Pope [3] Rock Island [3] Saline [3] Stark [3] Tazewell [3] Wayne [3] White [3] Woodford [3]

[1] Included in a district of 2 counties.
[2] Included in a district of 4 counties.
[3] Included in a district of 5 counties.

INDIANA

The score in Indiana is blank up to 1936 when a whole-time county health unit was organized in Lake County. The plans for the State as a whole, however, are being projected along the lines of district organization similar to that of Illinois. The report for 1937 will doubtless show a large development in this line. There is a total of 92 counties in Indiana.

1932	1933	1934	1935	1936
				Lake

IOWA

For the 3 years preceding 1936 only Woodbury County had whole-time health service. For 1936, however, the number was increased to nine, which represents a very creditable advancement over previous years. Since the total number of counties is 99, the number having whole-time health service still remains slightly less than 10 percent.

1932	1933	1934	1935	1936
Des Moines Washington Woodbury	Woodbury	Woodbury	Woodbury	Cherokee [1] Des Moines Lyon [1] O'Brien [1] Osceola [1] Plymouth [1] Sioux [1] Washington Woodbury

[1] Included in a district of 6 counties.

KANSAS

The record for Kansas is not encouraging. It will be noted that in 1932 there were 6 whole-time county health units, in 1933, 4, and for the years 1934, 1935, and 1936, the number dropped to 3. Since this State has 105 counties, it is obvious that, on the basis of past experience, the organization of local whole-time health service on a State-wide basis appears to be a long way off.

1932	1933	1934	1935	1936
Brown Geary Lyon Marion Sedgwick Shawnee	Geary Lyon Sedgwick Shawnee	Lyon Sedgwick Shawnee	Lyon Sedgwick Shawnee	Lyon Sedgwick Shawnee

KENTUCKY

The pattern of whole-time county health service in Kentucky was very similar to that of Alabama. Of the 120 counties, 78 have whole-time health service, as compared with 75 in 1935. Moreover, each county has a separate unit, there being no grouping of counties to form districts.

1932	1933	1934	1935	1936
Adair	Adair	Adair	Adair	Adair
Allen	Allen	Allen	Allen	Allen
Anderson	Anderson	Anderson	Anderson	Anderson
Barren	Barren	Barren	Ballard	Ballard
Bath	Bath	Bath	Barren	Barren
Bell	Bell	Boyd	Bath	Bath
Boyd	Boyd	Breathitt	Bell	Bell
Breathitt	Breathitt	Butler	Boyd	Boyd
Bullitt	Bullitt	Caldwell	Breathitt	Breathitt
Butler	Butler	Calloway	Butler	Butler
Caldwell	Caldwell	Carlisle	Caldwell	Caldwell
Calloway	Calloway	Carter	Calloway	Calloway
Carlisle	Carlisle	Casey	Carlisle	Carlisle
Carter	Carter	Clinton	Carter	Carter
Casey	Casey	Edmonson	Casey	Casey
Clinton	Clinton	Elliott	Clay	Clay
Daviess	Daviess	Estill	Clinton	Clinton
Edmonson	Edmonson	Fayette	Edmonson	Cumberland
Elliott	Elliott	Fleming	Elliott	Edmonson
Estill	Estill	Floyd	Estill	Elliott
Fayette	Fayette	Fulton	Fayette	Estill
Fleming	Fleming	Gallatin	Fleming	Fayette
Floyd	Floyd	Grant	Floyd	Fleming
Fulton	Fulton	Grayson	Fulton	Floyd
Gallatin	Gallatin	Green	Gallatin	Fulton
Grant	Grant	Greenup	Grant	Gallatin
Grayson	Grayson	Hart	Grayson	Grant
Green	Green	Henderson	Green	Grayson
Greenup	Greenup	Hickman	Greenup	Green
Hancock	Hart	Hopkins	Hart	Greenup

KENTUCKY—continued

1932	1933	1934	1935	1936
Hart	Henderson	Jackson	Henderson	Hart
Henderson	Hickman	Jefferson	Hickman	Henderson
Hickman	Hopkins	Kenton	Hopkins	Hickman
Hopkins	Jackson	Knott	Jefferson	Hopkins
Jackson	Jefferson	Knox	Kenton	Jefferson
Jefferson	Kenton	Laurel	Knott	Johnson
Kenton	Knott	Lawrence	Knox	Kenton
Knott	Knox	Lee	Laurel	Knott
Knox	Laurel	Leslie	Lawrence	Knox
Laurel	Lawrence	Letcher	Lee	Laurel
Lawrence	Lee	Lincoln	Leslie	Lawrence
Lee	Leslie	Madison	Letcher	Lee
Leslie	Letcher	Marshall	Lincoln	Leslie
Letcher	Lincoln	Martin	Lyon	Letcher
Lewis	Madison	Mason	Madison	Lincoln
Lincoln	Magoffin	McCreary	Magoffin	Lyon
Madison	Marshall	McLean	Marshall	Madison
Magoffin	Martin	Meade	Martin	Magoffin
Marshall	Mason	Menifee	McCracken	Marshall
Martin	McCreary	Metcalfe	McCreary	Martin
Mason	McLean	Monroe	McLean	Mason
McCreary	Meade	Muhlenberg	Meade	McCracken
McLean	Menifee	Nicholas	Menifee	McCreary
Meade	Monroe	Ohio	Metcalfe	McLean
Menifee	Muhlenberg	Owsley	Monroe	Meade
Metcalfe	Nicholas	Perry	Muhlenberg	Menifee
Monroe	Ohio	Pike	Nicholas	Metcalfe
Morgan	Owsley	Powell	Ohio	Monroe
Muhlenberg	Perry	Pulaski	Owsley	Muhlenberg
Nicholas	Pike	Rockcastle	Perry	Nicholas
Ohio	Powell	Rowan	Pike	Ohio
Owsley	Pulaski	Scott	Powell	Owsley
Perry	Rockcastle	Todd	Pulaski	Perry
Pike	Rowan	Trigg	Rockcastle	Pike
Powell	Scott	Trimble	Rowan	Powell
Pulaski	Todd	Union	Scott	Pulaski
Robertson	Trigg	Warren	Spencer	Rockcastle
Rockcastle	Trimble	Wayne	Todd	Rowan
Rowan	Union	Webster	Trigg	Scott
Scott	Warren	Wolfe	Trimble	Spencer
Todd	Wayne		Union	Todd
Trigg	Webster		Warren	Trigg
Trimble	Wolfe		Wayne	Trimble
Union			Webster	Union
Warren			Wolfe	Warren
Wayne				Wayne
Webster				Webster
Whitley				Wolfe
Wolfe				

LOUISIANA

Of the 64 parishes in Louisiana, 34 had whole-time health service in 1935 as compared with 36 in 1936. The same parishes as are found in the former list appear in the latter, with the addition of Union and Bienville. Here also it should be noted that each parish constitutes a separate health unit.

1932	1933	1934	1935	1936
Assumption	Assumption	Assumption	Acadia	Acadia
Avoyelles	Avoyelles	Avoyelles	Assumption	Assumption
Caddo	Caddo	Caddo	Avoyelles	Avoyelles
Caldwell	Caldwell	Caldwell	Caddo	Bienville
Catahoula	Catahoula	Catahoula	Caldwell	Caddo
Claiborne	Claiborne	Caliborne	Catahoula	Caldwell
Concordia	Concordia	Concordia	Claiborne	Catahoula
De Sota	De Sota	De Sota	Concordia	Claiborne
East Carroll	East Carroll	East Carroll	De Soto	Concordia
Franklin	Franklin	Franklin	East Carroll	De Soto
Iberia	Iberia	Iberia	Franklin	East Carroll
Iberville	Iberville	Iberville	Iberia	Franklin
Lafayette	Lafayette	Lafayette	Iberville	Iberia
Lafourche	Lafourche	Lafourche	Jefferson Davis	Iberville
La Salle	La Salle	La Salle	Lafayette	Jefferson Davis
Lincoln	Lincoln	Lincoln	Lafourche	Lafayette
Madison	Madison	Madison	La Salle	Lafourche
Morehouse	Morehouse	Morehouse	Lincoln	La Salle

LOUISIANA—continued

1932	1933	1934	1935	1936
Natchitoches Ouachita Pointe Coupee Rapides Richland St. Landry St. Martin St. Mary Tensas Terrebonne Washington Webster West Carroll	Natchitoches Ouachita Pointe Coupee Rapides Richland St. Landry St. Martin St. Mary Tensas Terrebonne Washington Webster West Carroll	Natchitoches Ouachita Pointe Coupee Rapides Red River Richland St. Landry St. Martin St. Mary Tensas Terrebonne Washington Webster West Carroll	Madison Morehouse Natchitoches Ouachita Pointe Coupee Rapides Red River Richland St. Landry St. Martin St. Mary Tensas Terrebonne Washington Webster West Carroll	Lincoln Madison Morehouse Natchitoches Ouachita Pointe Coupee Rapides Red River Richland St. Landry St. Martin St. Mary Tensas Terrebonne Union Washington Webster West Carroll

MAINE

In 1935 the only local whole-time health services were those of the Cooperative Health Union and the Motbov Union. The Cooperative Health Union reported in 1935 corresponds to Franklin County in the list for 1936. It is composed of 18 towns, whereas the Motbov Union is composed of 4 towns. Aside from the foregoing, there are 13 counties out of the total of 16, all of which have been brought under whole-time health administration during the year 1936, which represents a notable achievement.

1932	1933	1934	1935	1936
Bar Harbor Cooperative Health Union [4] Motbov Union [3] Rumford [3] Sanford [3]	Bar Harbor Cooperative Health Union [5] Motbov Union [3] Rumford [3] Sanford [3]	Bar Harbor Cooperative Health Union [6] Motbov Union [3] Rumford [3] Sanford [3]	Cooperative Health Union [6] Motbov Union [3]	Androscoggin. Aroostook Cumberland Franklin [1] Knox Lincoln Motbov Union [1] Oxford Penobscot Piscataquis Sagadahoc Somerset Waldo Washington York

[1] Composed of 4 towns.
[2] Composed of 5 towns.
[3] Town (township) wholly or partly rural.
[4] Composed of 10 towns.
[5] Composed of 18 towns.
[6] Composed of 21 towns.

MARYLAND

All of the 23 counties in Maryland have been under individual whole-time health administration since 1934. In point of time Maryland is the second State to achieve 100-percent organization of this nature.

1932	1933	1934	1935	1936
Allegany	Allegany	Allegany	Allegany	Allegany
Anne Arundel	Anne Arundel	Anne Arundel	Anne Arundel	Anne Arundel
Baltimore	Baltimore	Baltimore	Baltimore	Baltimore
Calvert	Calvert	Calvert	Calvert	Calvert
Carroll	Carroll	Caroline	Caroline	Caroline
Cecil	Cecil	Carroll	Carroll	Carroll
Charles	Charles	Cecil	Cecil	Cecil
Dorchester	Dorchester	Charles	Charles	Charles
Frederick	Frederick	Dorchester	Dorchester	Dorchester
Garrett	Garrett	Frederick	Frederick	Frederick
Harford	Harford	Garrett	Garrett	Garrett
Howard	Howard	Harford	Harford	Harford
Kent	Kent	Howard	Howard	Howard
Montgomery	Montgomery	Kent	Kent	Kent
Prince Georges	Prince Georges	Montgomery	Montgomery	Montgomery
Queen Annes	Queen Annes	Prince Georges	Prince Georges	Prince Georges
Somerset	St. Marys	Queen Annes	Queen Annes	Queen Annes
Talbot	Somerset	St. Marys	St. Marys	St. Marys
Washington	Talbot	Somerset	Somerset	Somerset
Wicomico	Washington	Talbot	Talbot	Talbot
Worcester	Wicomico	Washington	Washington	Washington
	Worcester	Wicomico	Wicomico	Wicomico
		Worcester	Worcester	Worcester

MASSACHUSETTS

Inasmuch as the local form of government in Massachusetts is based on towns and townships rather than counties, it has not been found as readily adaptable to the formation of local health units. In spite of adverse circumstances of this nature, however, certain towns have voluntarily pooled their resources in the interest of forming local whole-time health units. From 1932 to 1935, three such groupings of towns operated local whole-time health units. In 1936 the same units are listed, with the addition of Franklin County.

1932	1933	1934	1935	1936
Barnstable	Barnstable	Barnstable	Barnstable	Barnstable
Nashoba [1]	Nashoba [1]	Nashoba [1]	Nashoba [1]	Berkshire [3]
Southern Berkshire [2]	Southern Berkshire [2]	Southern Berkshire [2]	Southern Berkshire [2]	Franklin
				Nashoba [4]

[1] Represents 11 towns.
[2] Represents 9 towns.
[3] Represents 15 towns.
[4] Represents 10 towns.

MICHIGAN

The record for Michigan shows a considerable amount of change. From the list for 1935, 8 counties are missing in the list for 1936, whereas the latter list shows the addition of 11 new counties, making a total of 42 for 1936, a net gain of 3 over 1935. The total number of counties in the State is 83, so that the number of counties under whole-time health service in 1936 is slightly greater than 50 percent. It will be noted that the general tendency in county health service in Michigan is toward the district type of organization.

1932	1933	1934	1935	1936
Alcona [3]	Alcona [3]	Alcona [3]	Alcona [3]	Allegan
Allegan	Allegan	Allegan	Allegan	Alpena [3]
Alpena [3]	Alpena [3]	Alpena [3]	Alpena [3]	Antrim [3]
Antrim [3]	Antrim [3]	Antrim [3]	Antrim [3]	Arenac [3]
Barry	Barry	Barry	Arenac [3]	Barry
Charlevoix [3]	Charlevoix [3]	Charlevoix [3]	Barry	Branch
Cheboygan [3]	Cheboygan [3]	Cheboygan [3]	Branch	Calhoun
Crawford [3]	Crawford [3]	Crawford [3]	Clare [3]	Charlevoix [3]
Emmet [3]	Eaton	Eaton	Charlevoix [3]	Cheboygan [3]
Genesee	Emmet [3]	Emmet [3]	Cheboygan [3]	Chippewa
Iosco [3]	Genesee	Genessee	Crawford [3]	Clare [3]
Isabella	Iosco [3]	Grosse Pointe [3]	Eaton	Delta
Kalkaska [3]	Isabella	Hillsdale	Emmet [3]	Eaton
Kent	Kalkaska [3]	Iosco [3]	Genesee	Emmet [3]
Lake [3]	Kent	Isabella	Gladwin [3]	Genesee
Midland	Lake [3]	Kalkaska [3]	Hillsdale	Gladwin [3]
Missaukee [3]	Midland	Kent	Iosco [3]	Hillsdale
Montmorency [3]	Missaukee [3]	Lake [3]	Isabella	Houghton [1]
Newaygo [3]	Montmorency [3]	Midland	Kalkaska [3]	Iron
Oakland	Newaygo [3]	Missaukee [3]	Kent	Isabella
Oceana [3]	Oakland	Montmorency [3]	Lake [3]	Kent
Ogemaw [3]	Oceana [3]	Newaygo [3]	Luce [3]	Keweenaw [1]
Oscoda [3]	Ogemaw [3]	Oakland	Mackinac [3]	Lake [3]
Otsego [3]	Oscoda [3]	Oceana [3]	Midland	Luce [3]
Ottawa	Otsego [3]	Ogemaw [3]	Missaukee [3]	Mackinac [3]
Presque Isle [3]	Ottawa	Oscoda [3]	Montmorency [3]	Manistee [1]
Roscommon [3]	Presque Isle [3]	Otsego [3]	Newaygo [3]	Mason [1]
Saginaw	Roscommon [3]	Ottawa	Oakland	Mecosta [1]
Wexford	Saginaw	Presque Isle [3]	Oceana [3]	Menominee
	Wexford	Roscommon [3]	Ogemaw [3]	Midland
		Saginaw	Oscoda [3]	Montmorency [3]
		Van Buren	Otsego [3]	Newaygo [3]
		Wexford	Ottawa	Oakland
			Presque Isle [3]	Oceana [3]
			Roscommon [3]	Osceola [1]
			Saginaw	Otsego [3]
			Schoolcraft [3]	Ottawa
			Van Buren	Presque Isle [3]
			Wexford	Saginaw
				Schoolcraft [3]
				Van Buren
				Wexford

[1] Included in a district of 2 counties.
[2] Included in a district of 3 counties.
[3] Included in a district of 4 counties.

MINNESOTA

Prior to 1936, only St. Louis County had whole-time health service. During 1936, nine additional counties have been brought under whole-time health service, all of which have been organized on a district basis. The total number of counties in Minnesota is 87.

1932	1933	1934	1935	1936
St. Louis	St. Louis	St. Louis	St. Louis	Beltrami [1]
				Blue Earth [2]
				Freeborn [2]
				Hubbard [1]
				Itasca [1]
				Jackson [2]
				Koochiching [1]
				Martin [2]
				Mower [2]
				St. Louis

[1] Included in a district of 4 counties.
[2] Included in a district of 5 counties.

MISSISSIPPI

Although the Social Security program has served to augment the facilities in the individual health units in Mississippi, no great impetus has been given to the extension of this service to new counties. In 1934 and 1935, 25 out of the 82

counties in Mississippi were served by individual whole-time health units. During the year 1936, 2 new health units were added, making the total for that year 27.

1932	1933	1934	1935	1936
Adams	Adams	Adams	Adams	Adams
Bolivar	Bolivar	Bolivar	Bolivar	Bolivar
Coahoma	Coahoma	Coahoma	Coahoma	Coahoma
Copiah	Forrest	Copiah	Copiah	Copiah
Forrest	Hancock	Forrest	Forrest	Forrest
Hancock	Harrison	Hancock	Hancock	Hancock
Harrison	Hinds	Harrison	Harrison	Harrison
Hinds	Holmes	Hinds	Hinds	Hinds
Holmes	Humphreys	Holmes	Holmes	Holmes
Humphreys	Jackson	Humphreys	Humphreys	Humphreys
Jackson	Lamar	Jackson	Jackson	Jackson
Lamar	Lauderdale	Lamar	Lamar	Lamar
Lauderdale	Lee	Lauderdale	Lauderdale	Lauderdale
Lee	Leflore	Lee	Lee	Lee
Leflore	Lincoln	Leflore	Leflore	Leflore
Lincoln	Monroe	Lincoln	Lincoln	Lincoln
Monroe	Pearl River	Monroe	Monroe	Madison
Pearl River	Pike	Pearl River	Pearl River	Marshall
Perry	Sharkey	Pike	Pike	Monroe
Pike	Sunflower	Sharkey	Sharkey	Pearl River
Sunflower	Union	Sunflower	Sunflower	Pike
Union	Warren	Union	Union	Sharkey
Warren	Washington	Warren	Warren	Sunflower
Washington	Yazoo	Washington	Washington	Union
Yazoo		Yazoo	Yazoo	Warren
				Washington
				Yazoo

MISSOURI

The progress in local health service in Missouri since 1932 was progressively downward to 1935, there having been 10 whole-time county health units in 1932 as compared with 6 in 1935. Here also the influence of Social Security funds has not been such as to create any considerable extension of local health service, since during this year only one county was added. Inasmuch as there are 114 counties in the State, much remains to be done before Missouri can be considered as adequately supplied with local health service.

1932	1933	1934	1935	1936
Boone	Buchanan	Buchanan	Buchanan	Buchanan
Buchanan	Dunklin	Dunklin	Dunklin	Dunklin
Dunklin	Greene	Greene	Greene	Greene
Greene	Jackson	Jackson	Jackson	Jackson
Jackson	Marion	Marion	Marion	Marion
Marion	Miller	Miller	Miller	Miller
Miller	New Madrid	New Madrid		St. Louis
New Madrid	Pemiscot	St. Louis		
Pemiscot	St. Louis			
St. Louis				

MONTANA

In Montana somewhat the same situation is found as that described for Missouri. During the years 1932, 1933, and 1934, four counties had whole-time health units. In 1935 the number dropped to three, and remained at that figure during 1936. The total number of counties in the State is 56.

1932	1933	1934	1935	1936
Cascade	Cascade	Cascade	Cascade	Cascade
Gallatin	Gallatin	Gallatin	Gallatin	Gallatin
Lewis and Clark	Lewis and Clark	Lewis and Clark	Missoula	Missoula
Missoula	Missoula	Missoula		

NEW MEXICO

It should be noted that in 1935 a district health law came into operation in New Mexico whereby the entire list of 31 counties was organized under a district plan of health service. The same situation is found in 1936, so that since 1935 New Mexico has been among the States having 100 percent of the counties under whole-time health administration.

1932	1933	1934	1935	1936
Bernalillo	Bernalillo	Bernalillo	Bernalillo [1]	Bernalillo [1]
Dona Ana	Dona Ana	Dona Ana	Catron [3]	Catron [3]
Eddy	Eddy	Eddy	Chaves [3]	Chaves [3]
Santa Fe	Santa Fe	Santa Fe	Colfax [3]	Colfax [3]
Union	Union	Union	Curry [3]	Curry [3]
Valencia	Valencia	Valencia	De Baca [3]	De Baca [3]
			Dona Ana [3]	Dona Ana [3]
			Eddy [3]	Eddy [3]
			Grant [3]	Grant [3]
			Guadalupe [3]	Guadalupe [3]
			Harding [3]	Harding [3]
			Hidalgo [3]	Hidalgo [3]
			Lea [3]	Lea [3]
			Lincoln [3]	Lincoln [3]
			Luna [3]	Luna [3]
			McKinley [1]	McKinley [1]
			Mora [1]	Mora [3]
			Otero [3]	Otero [3]
			Quay [3]	Quay [3]
			Rio Arriba [3]	Rio Arriba [3]
			Roosevelt [3]	Roosevelt [3]
			Sandoval [1]	Sandoval [1]
			San Juan [1]	San Juan [1]
			San Miguel [1]	San Miguel [3]
			Santa Fe [3]	Santa Fe [3]
			Sierra [3]	Sierra [3]
			Socorro [3]	Socorro [3]
			Taos [3]	Taos [3]
			Torrance [3]	Torrance [3]
			Union [3]	Union [3]
			Valencia [3]	Valencia [3]

[1] Included in a district of 2 counties.
[3] Included in a district of 3 counties.
[3] Included in a district of 4 counties.

NEW YORK

The counties listed as having whole-time county health service for 1933, 1934, and 1935 in New York are Cattaraugus, Columbia, Cortland, Suffolk, and Westchester, whereas the entire list of 57 rural counties is reported for 1936 as being under whole-time health administration. This does not mean that 52 counties have been brought under this service during the year 1936. The explanation is that by misinterpretation in previous years, only those counties having individual health units were reported, whereas the report also should have shown those included in health districts.

1932	1933	1934	1935	1936
Cattaraugus	Cattaraugus	Cattaraugus	Cattaraugus	Albany [3]
Cortland	Columbia	Columbia	Columbia	Allegany [3]
Suffolk	Cortland	Cortland	Cortland	Broome [3]
Westchester	Suffolk	Suffolk	Suffolk	Cattaraugus
	Westchester	Westchester	Westchester	Cayuga [3]
				Chautauqua [4]
				Chemung [3]
				Chenango [3]
				Clinton [3]
				Columbia

[3] Included in a district of 3 counties.
[3] Included in a district of 4 counties.
[4] Included in a district of 6 counties.

NEW YORK—continued

1932	1933	1934	1935	1936
				Cortland
				Delaware [3]
				Dutchess [1]
				Erie [4]
				Essex [3]
				Franklin [3]
				Fulton [1]
				Genesee [4]
				Greene [3]
				Hamilton [3]
				Herkimer [3]
				Jefferson [3]
				Lewis [3]
				Livingston [3]
				Madison [3]
				Monroe [3]
				Montgomery [1]
				Nassau
				Niagara [4]
				Oneida [3]
				Onondaga [3]
				Ontario [3]
				Orange [3]
				Orleans [4]
				Oswego [1]
				Otsego [3]
				Putnam [1]
				Rensselear [3]
				Rockland [3]
				St. Lawrence [1]
				Saratoga [3]
				Schenectady [3]
				Schoharie [3]
				Schuyler [1]
				Seneca [3]
				Steuben [3]
				Suffolk
				Sullivan [3]
				Tioga [3]
				Tompkins [1]
				Ulster [3]
				Warren [3]
				Washington [3]
				Wayne [1]
				Westchester
				Wyoming [4]
				Yates [3]

[1] Included in a district of 2 counties.
[2] Included in a district of 3 counties.
[3] Included in a district of 4 counties.
[4] Included in a district of 6 counties.

NORTH CAROLINA

The list for 1935 shows a total of 53 counties under whole-time health service, whereas the number in 1936 is 50, which is exactly half the total number of counties in the State. Five counties have been dropped from the list since 1935 while two new counties have been added in 1936, making a net loss of three.

1932	1933	1934	1935	1936
Beaufort	Beaufort	Beaufort	Avery [2]	Avery [2]
Bladen	Bladen	Bertie	Beaufort	Beaufort
Buncombe	Buncombe	Bladen	Bertie	Bertie
Cabarrus	Cabarrus	Buncombe	Brunswick	Buncombe
Columbus	Columbus	Cabarrus	Buncombe	Cabarrus
Cumberland	Cumberland	Columbus	Cabarrus	Columbus
Davidson	Davidson	Cumberland	Caldwell	Craven
Durham	Durham	Davidson	Columbus	Cumberland
Edgecombe	Edgecombe	Duplin	Craven	Davidson
Forsyth [1]	Forsyth [1]	Durham	Cumberland	Duplin
Franklin	Franklin	Edgecombe	Davidson	Durham
Gaston	Gaston	Forsyth [2]	Duplin	Edgecombe
Granville	Granville	Franklin	Durham	Forsyth [2]
Guilford	Guilford	Gaston	Edgecombe	Franklin
Halifax	Halifax	Granville	Forsyth [2]	Gaston

[1] Included in a district of 2 counties.
[2] Included in a district of 3 counties.

NORTH CAROLINA—continued

1932	1933	1934	1935	1936
Lenoir	Hyde	Guilford	Franklin	Graham [3]
Mecklenburg	Lenoir	Halifax	Gaston	Granville
Moore	Mecklenburg	Haywood [3]	Graham [3]	Guilford
New Hanover	Moore	Hyde	Granville	Halifax
Northampton	Nash	Jackson [3]	Guilford	Harnett
Pitt	New Hanover	Lenoir	Halifax	Haywood [3]
Randolph	Northampton	Mecklenburg	Haywood [3]	Hertford
Richmond	Pitt	Moore	Hyde	Jackson [3]
Robeson	Randolph	New Hanover	Jackson [3]	Lenoir
Rowan	Richmond	Northampton	Lenoir	Macon [3]
Rutherford	Robeson	Pitt	Macon [3]	Mecklenburg
Sampson	Rowan	Randolph	Mecklenburg	Moore
Stokes [1]	Sampson	Richmond	Moore	Nash
Surry	Stokes [1]	Robeson	Nash	New Hanover
Vance	Surry	Rowan	New Hanover	Northampton
Wake	Vance	Rutherford	Northampton	Orange [1]
Wayne	Wake	Sampson	Orange	Person [1]
Wilkes	Wayne	Stokes [3]	Pamlico	Pitt
Wilson	Wilkes	Surry	Person	Randolph
Yadkin	Wilson	Swain [3]	Pitt	Richmond
	Yadkin	Vance	Polk	Robeson
		Wake	Randolph	Rowan
		Wayne	Richmond	Rutherford
		Wilkes	Robeson	Sampson
		Wilson	Rowan	Stokes [3]
		Yadkin [3]	Rutherford	Surry
			Sampson	Swain [3]
			Stokes [3]	Vance
			Surry	Wake
			Swain [3]	Watauga [3]
			Vance	Wayne
			Wake	Wilkes
			Watauga [3]	Wilson
			Wayne	Yadkin [3]
			Wilkes	Yancey [3]
			Wilson	
			Yadkin [3]	
			Yancey [3]	

[1] Included in a district of 2 counties.
[2] Included in a district of 3 counties.
[3] Included in a district of 5 counties.

OHIO

From 1932 to 1935 there was a reduction in the number of counties having health units from 45 to 40. In 1936, however, the number increased to 48, which is the largest number of counties at any time served by whole-time health units in Ohio. All these counties, with the exception of two which are joined to form a district, have individual whole-time units. The total number of counties in the State is 88.

1932	1933	1934	1935	1936
Allen	Allen	Allen	Athens	Athens
Ashtabula	Belmont	Athens	Butler	Belmont
Belmont	Butler	Butler	Clinton	Brown
Butler	Clinton	Clinton	Crawford	Butler
Clinton	Coshocton	Coshocton	Cuyahoga	Clermont
Columbiana	Crawford	Crawford	Darke	Clinton
Coshocton	Cuyahoga	Cuyahoga	Delaware	Crawford
Crawford	Darke	Darke	Erie	Cuyahoga
Cuyahoga	Delaware	Delaware	Fayette	Darke
Darke	Erie	Erie	Guernsey	Delaware
Delaware	Fayette	Fayette	Hamilton	Erie
Erie	Hamilton	Hamilton	Hancock	Fairfield
Fayette	Hancock	Hancock	Hocking	Fayette
Franklin	Hocking	Hocking	Huron	Greene
Hamilton	Huron	Huron	Jefferson	Guernsey
Hancock	Jefferson	Jefferson	Lorain	Hamilton
Hocking	Lorain	Lorain	Lucas	Hancock
Huron	Lucas	Lucas	Madison	Hocking [1]
Jackson	Mahoning	Mahoning	Mahoning	Huron
Jefferson	Marion	Marion	Marion	Jefferson
Lorain	Medina	Medina	Medina	Lorain
Lucas	Meigs	Meigs	Meigs	Lucas
Mahoning	Mercer	Mercer	Mercer	Madison

[1] Included in a district of 2 counties.

OHIO—continued

1932	1933	1934	1935	1936
Marion Medina Meigs Mercer Miami Montgomery Morrow Perry Pickaway Preble Richland Ross Scioto Seneca Shelby Stark Summit Trumbull Tuscarawas Washington Wayne Wood	Miami Montgomery Perry Pickaway Preble Richland Ross Scioto Seneca Shelby Stark Summit Trumbull Tuscarawas Washington Wayne Wood	Miami Montgomery Perry Pickaway Preble Richland Ross Seneca Shelby Stark Summit Trumbull Tuscarawas Washington Wayne Wood	Miami Montgomery Perry Pickaway Preble Richland Ross Seneca Shelby Stark Summit Trumbull Tuscarawas Washington Wayne Wood Wyandot	Mahoning Marion Medina Meigs Mercer Miami Montgomery Morrow Muskingum Perry Pickaway Preble Richland Ross Seneca Shelby Stark Summit Trumbull Union Vinton [1] Washington Wayne Wood Wyandot

[1] Included in a district of 2 counties.

OKLAHOMA

Oklahoma has had a checkered career so far as county health work is concerned. A few years ago a very creditable start was made in the development of county health work in that State. With a change in administration, however, all of this type of service was suspended. It was not until 1934 that this service was revived in Le Flore County. The following year Seminole County was added. During the year 1936, however, 17 additional counties appear in the list, so that the total now stands at 19 out of 77 counties in the State. It will be seen from the list that approximately half of these are individual health units, whereas the remainder belong to district groups.

1932	1933	1934	1935	1936
		Le Flore	Le Flore Seminole	Adair [2] Beaver [1] Carter Cherokee [2] Cimarron [1] Cleveland Delaware [2] Harper [1] Kingfisher Le Flore Mayes [2] McCurtain Oklahoma Ottawa Payne Pittsburg Seminole Sequoyah [2] Texas [1]

[1] Included in a district of 4 counties.
[2] Included in a district of 5 counties.

OREGON

The list for 1936 is the same as that for 1935, the total being 6, or one-sixth of the entire number of counties in the State. The highest number of counties having whole-time health service in Oregon during the period covered by this report is recorded for 1932 and 1934 when for each year there were seven counties reported.

1932	1933	1934	1935	1936
Clackamas Coos Douglas Jackson Klamath Lane Marion	Clackamas Jackson Klamath Lane Marion Multnomah	Clackamas Douglas Jackson Klamath Lane Marion Multnomah	Clackamas Douglas Jackson Klamath Lane Marion	Clackamas Douglas Jackson Klamath Lane Marion

PENNSYLVANIA

In 1931 three whole-time county health units were organized in Pennsylvania, which continued through 1933. The pattern of public health administration in this State is planned principally along the lines of centralized organization, rather than local jurisdiction, and as such is not well adapted to the growth of county units, though there would appear to be no serious contra-indication against the formation of either county or district units.

1932	1933	1934	1935	1936
Allegheny Bucks Luzerne	Allegheny Bucks Luzerne			

RHODE ISLAND

Although there are no county health units in Rhode Island which correspond to the strict interpretation of this term, there are three districts comprising five, six, and nine towns, respectively, operating whole-time health unit services. The situation with respect to local government in Rhode Island is similar to that described for Massachusetts, so that organization on a county basis is impracticable.

1932	1933	1934	1935	1936
				Woonsocket-Kent[1] South District[2] Bristol-Newport[3]

[1] District health unit composed of 5 towns.
[2] District health unit composed of 9 towns.
[3] District health unit composed of 6 towns.

SOUTH CAROLINA

For the 3 years preceding 1936, the score of whole-time health units in South Carolina stood at 23. This number was exactly doubled in 1936, so that now the entire 46 counties are included in the local health administration program. South Carolina therefore belongs to the group of 100 percent States. This has been accomplished largely through the extension of the district plan of organization.

1932	1933	1934	1935	1936
Aiken	Aiken	Aiken	Aiken	Abbeville [2]
Anderson	Anderson	Anderson	Anderson	Aiken
Beaufort	Beaufort	Beaufort	Beaufort	Allendale [2]
Berkeley	Berkeley	Berkeley	Berkeley	Anderson
Charleston	Charleston	Charleston	Charleston	Bamberg [2]
Cherokee	Cherokee	Cherokee	Cherokee	Barnwell [2]
Darlington	Darlington	Darlington	Darlington	Beaufort
Dillon	Dillon [1]	Dillon [1]	Dillon [1]	Berkeley
Dorchester	Dorchester	Dorchester	Dorchester	Calhoun [1]
Fairfield	Fairfield	Fairfield	Fairfield	Charleston
Florence	Florence	Florence	Florence	Cherokee
Georgetown	Georgetown	Georgetown	Georgetown	Chester [1]
Greenville	Greenville	Greenville	Greenville	Chesterfield [1]
Greenwood	Greenwood	Greenwood	Greenwood	Clarendon [2]
Horry	Horry	Horry	Horry	Colleton
Kershaw	Kershaw	Kershaw	Kershaw	Darlington
Lexington	Marion [1]	Marion [1]	Marion [1]	Dillon [1]
Marion	Newberry	Newberry	Newberry	Dorchester
Newberry	Oconee	Oconee	Oconee	Edgefield [2]
Oconee	Orangeburg	Orangeburg	Orangeburg	Fairfield
Orangeburg	Pickens	Pickens	Pickens	Florence
Pickens	Richland	Richland	Richland	Georgetown [1]
Richland	Spartanburg	Spartanburg	Spartanburg	Greenville
Spartanburg				Greenwood
				Hampton [1]
				Horry
				Jasper [1]
				Kershaw
				Lancaster [1]
				Laurens [2]
				Lee [2]
				Lexington [1]
				Marion [1]
				Marlboro
				McCormick [2]
				Newberry
				Oconee
				Orangeburg
				Pickens
				Richland
				Saluda [2]
				Spartanburg
				Sumter [2]
				Union [2]
				Williamsburg
				York [1]

[1] Included in a district of 2 counties.
[2] Included in a district of 3 counties.

SOUTH DAKOTA

For the 2 years preceding 1936 there were no counties in South Dakota having whole-time health service. During 1936, three individual county units and one district of four counties were organized, making a total of 7 counties under whole-time health service. This is regarded as a most notable advancement in view of the unprecedented drought situation which has so severely affected that State. The total number of counties in the State is 69.

1932	1933	1934	1935	1936
Pennington	Pennington			Bennett [1]
				Charles Mix
				Haakon [1]
				Hutchinson
				Jones [1]
				Union
				Washabaugh [1]

[1] Included in a district of 4 counties.

TENNESSEE

Tennessee is one of the States in which whole-time county health administration has for a number of years been firmly established. As far back as 1932 there were 41 counties in this list. In 1935 the number stood at 36. The list for 1936 shows 43 out of the 95 counties under either county or district health administration.

1932	1933	1934	1935	1936
Bledsoe [2]	Bledsoe	Anderson [1]	Bledsoe [1]	Anderson [1]
Bradley	Bradley	Bledsoe [1]	Blount	Bledsoe [1]
Carter	Davidson	Blount	Bradley	Blount
Clay [1]	Dyer	Bradley	Carter [1]	Bradley
Davidson [1]	Fentress [1]	Campbell [1]	Davidson	Campbell [1]
Dyer	Gibson	Carter [1]	Fentress [1]	Carter [1]
Fentress [1]	Giles	Davidson	Gibson	Claiborne [2]
Gibson	Greene	Dyer	Giles	Davidson
Giles	Grundy [1]	Fentress [1]	Greene	Fentress [1]
Greene	Hamilton	Gibson	Grundy	Gibson
Grundy [2]	Hardeman	Giles	Hamilton	Giles
Hamilton	Humphreys	Greene	Hardeman	Grainger [2]
Hardeman	Jackson [1]	Grundy	Humphreys	Greene
Humphreys	Knox	Hamilton	Jackson [1]	Grundy
Jackson [1]	Lake	Hardeman	Knox	Hamilton
Knox	Lauderdale	Humphreys	Lake	Hancock [2]
Lake	Lincoln	Jackson [1]	Lauderdale	Hardeman
Lauderdale	Maury	Knox	Lincoln	Hardin
Lewis	Meigs [1]	Lake	Maury	Humphreys
Lincoln	Montgomery	Lauderdale	Meigs	Jackson [1]
Maury	Obion	Lincoln	Montgomery	Knox
Meigs [1]	Rhea [1]	Maury	Obion	Lake
Monroe	Roane	Meigs [1]	Rhea	Lauderdale
Montgomery	Rutherford	Montgomery	Roane	Lincoln
Obion	Sequatchie [1]	Obion	Rutherford	Maury
Overton [1]	Sevier	Rhea [1]	Sequatchie [1]	Meigs [1]
Pickett [1]	Shelby	Roane	Sevier	Monroe
Rhea [1]	Sullivan	Rutherford	Shelby	Montgomery
Roane	Sumner	Sequatchie [1]	Sullivan	Obion
Rutherford	Tipton	Sevier	Sumner	Rhea [1]
Sequatchie [2]	Washington	Shelby	Tipton	Roane
Sevier	Weakley	Sullivan	Unicoi	Rutherford
Shelby	Williamson	Sumner	Washington	Sequatchie [1]
Sullivan	Wilson	Tipton	Weakley	Sevier
Sumner		Unicoi [1]	Williamson	Shelby
Tipton		Washington	Wilson	Sullivan
Unicoi		Weakley		Sumner
Washington		Williamson		Tipton
Weakley		Wilson		Unicoi [1]
Williamson				Washington
Wilson				Weakley
				Williamson
				Wilson

[1] Included in a district of 2 counties.
[2] Included in a district of 3 counties.

TEXAS

The growth of county health administration in Texas has been slow and uncertain. In 1935 there were nine counties served by either county or district health units, whereas the number for 1936 shows a gain of three, one county having been dropped from the 1935 list and four added to the list for 1936. When it is realized that there are 254 counties in the State of Texas, the number receiving whole-time health service is pitifully small. For a large number of the counties of Texas the adoption of district health organization is the only logical solution of the problem of local health service.

1932	1933	1934	1935	1936
Cameron Gregg Hidalgo McLennan Nolan Potter Starr Tarrant	Dallas El Paso Gregg Hidalgo McLennan Nolan Potter Tarrant	Dallas El Paso Gregg Hidalgo Nolan Potter Tarrant	Cameron Culberson [1] Dallas El Paso [1] Hidalgo Hudspeth [1] Nolan Potter Tarrant	Bell Culberson [1] Dallas El Paso [1] Hidalgo Hudspeth [1] Limestone Nolan Potter Smith Tarrant Winkler

[1] Included in a district of 3 counties.

UTAH

It will be noted that only one county in 1936 had a whole-time health unit. This is the same number as for 1935, but for the years 1932, 1933, and 1934, two counties appeared in the list. On the surface therefore it would appear that the Social Security funds have had little influence on the development of local health service in Utah. The total number of counties in that State is 29.

1932	1933	1934	1935	1936
Davis Utah	Davis Utah	Davis Utah	Davis	Davis

VIRGINIA

It will be noted that there was a very large increase in the number of counties with whole-time health organization in 1935 as compared with 1934, the number reported for the latter year being 17, and for the former, 40. There was again a substantial increase of 10 in the year 1936, so that the total now stands at 50 out of the total of 100 counties in the State. It will be observed further that the district plan of organization has been adopted in a rather extensive manner in Virginia.

1932	1933	1934	1935	1936
Accomac [3] Albemarle Amelia [2] Appomattox [2] Arlington Augusta Brunswick [3] Buckingham [2] Charlotte [2] Cumberland [2] Fairfax Greensville [3] Halifax Henrico Isle of Wight [3] Lunenburg [2] Nansemond [2] Norfolk [3] Nottoway [2] Pittsylvania Powhatan [2] Prince Edward [2] Princess Anne [3] Rockbridge Southampton	Albermarle Arlington Augusta Brunswick [4] Fairfax Greensville [4] Halifax Henrico Isle of Wight [4] Nansemond [4] Norfolk [4] Pittsylvania Prince Edward Princess Anne [4] Rockbridge Southampton	Albemarle Arlington Augusta Brunswick [3] Fairfax Greensville [3] Halifax Henrico Isle of Wight [3] Nansemond [3] Norfolk [3] Nottoway [3] Pittyslvania Prince Edward [3] Princess Anne [3] Rockbridge Southampton	Albemarle Alleghany [2] Arlington Augusta Bath [3] Brunswick [3] Buckingham [3] Dickinson [3] Elizabeth City [3] Fairfax Greene [4] Greensville [2] Halifax [1] Hanover Henrico Isle of Wight [1] James City [3] Lee [3] Madison [4] Mecklenburg [2] Montgomery Nansemond [1] Norfolk [1] Northampton Nottoway [2] Page [4]	Albemarle Alleghany [3] Arlington Augusta Bath [3] Bland Brunswick [3] Buchanan [3] Buckingham [3] Carroll Dickenson [3] Elizabeth City [3] Fairfax Grayson Greene [4] Greensville [3] Halifax Hanover Henrico Isle of Wight [1] James City [3] Lee [3] Madison [4] Mecklenburg [2] Montgomery Nansemond [1]

[1] Included in a district of 2 counties.
[2] Included in a district of 3 counties.
[3] Included in a district of 4 counties.
[4] Included in a district of 7 counties.

VIRGINIA—continued

1932	1933	1934	1935	1936
			Pittsylvania [1] Prince Edward [2] Princess Anne [1] Rappahannock [4] Rockbridge [2] Rockingham [4] Scott [3] Shenandoah [4] Southampton Warren [4] Warwick [3] Wise [3] Wythe York [3]	Norfolk [1] Northampton Nottaway [2] Page [4] Pittsylvania Prince Edward [2] Princess Anne [1] Pulaski Rappahannock [4] Rockbridge [2] Rockingham [4] Russell [2] Scott Shenandoah [4] Smyth Southampton Sussex Tazewell [2] Warren [4] Warwick [3] Washington Wise [2] Wythe York [3]

[1] Included in a district of 2 counties.
[2] Included in a district of 3 counties.
[3] Included in a district of 4 counties.
[4] Included in a district of 7 counties.

WASHINGTON

From 1932 to 1935 the list remained stationary at eight. It will be noted, however, that two of the counties in the 1935 list do not appear in the list for 1936, while one county was added, so that the total for 1936 is seven, or a net loss of one as compared with 1935. It has been previously noted that North Carolina shows a net loss in 1936 as compared with 1935. Washington is the only other State in this classification. There is a total of 39 counties in the State.

1932	1933	1934	1935	1936
Chelan Clark King Snohomish Spokane Walla Walla Whitman Yakima	Chelan Clark King Snohomish Spokane Walla Walla Whitman Yakima	Chelan Clark King Snohomish Spokane Walla Walla Whitman Yakima	Chelan Clallam Clark King Snohomish Spokane Walla Walla Yakima	Chelan Clallam Clark King Spokane Thurston Yakima

WEST VIRGINIA

West Virginia is another one of the States in which county health service is of comparatively long standing. The number of counties, however, has not shown a tendency to increase to any extent. Although the number for 1936 is 15, as compared with 14 for 1935, there were 15 counties in the list for 1932. It will be noted that all of the counties are individual units. Since there are 55 counties in the State, it is seen that somewhat less than one-third of the counties are organized on a whole-time basis.

1932	1933	1934	1935	1936
Berkeley	Berkeley	Berkeley	Berkeley	Berkeley
Boone	Boone	Boone	Boone	Boone
Brooke	Fayette	Fayette	Brooke	Brooke
Fayette	Hancock	Hancock	Fayette	Fayette
Hancock	Harrison	Harrison	Hancock	Hancock
Harrison	Kanawha	Kanawha	Harrison	Harrison
Kanawha	Logan	Logan	Kanawha	Kanawha
Logan	Marshall	Marshall	Logan	Logan
Marion	Monongalia	Monongalia	Marshall	Marshall
Marshall	Ohio	Ohio	Monongalia	Monongalia
Monongalia	Preston	Preston	Ohio	Ohio
Ohio	Raleigh	Raleigh	Preston	Preston
Preston	Wood	Wood	Raleigh	Raleigh
Raleigh			Wood	Wetzel
Wood				Wood

WISCONSIN

Prior to 1936 there were no whole-time county or district health organizations in the State of Wisconsin. Through special appropriations of the State legislature and through the use of Social Security funds, however, organization of the entire State on a district plan has been made possible. All of the counties with the exception of Marathon are included in district organizations of seven to nine counties each. It is understood that future plans contemplate breaking down the districts into smaller district units and individual county health departments.

1932	1933	1934	1935	1936
				Adams [3]
				Ashland [1]
				Barron [3]
				Bayfield [1]
				Brown [3]
				Buffalo [1]
				Burnett [1]
				Calumet [3]
				Chippewa [3]
				Clark [1]
				Columbia [3]
				Crawford [3]
				Dane [3]
				Dodge [3]
				Door [3]
				Douglas [1]
				Dunn [3]
				Eau Claire [3]
				Florence [3]
				Fond du Lac [3]
				Forest [3]
				Grant [3]
				Green [3]
				Green Lake [3]
				Iowa [3]
				Iron [1]
				Jackson [1]
				Jefferson [1]
				Juneau [3]
				Kenosha [1]
				Kewaunee [3]
				La Crosse [3]
				La Fayette [3]
				Langlade [3]
				Lincoln [3]
				Manitowoc [3]
				Marathon
				Marinette [3]
				Marquette [3]
				Milwaukee [1]
				Monroe [3]
				Oconto [3]
				Oneida [3]
				Outagamie [3]

[1] Included in a district of 7 counties.
[2] Included in a district of 8 counties.
[3] Included in a district of 9 counties.

WISCONSIN—continued

1932	1933	1934	1935	1936
				Ozaukee [3]
				Pepin [1]
				Pierce [2]
				Polk [2]
				Portage [1]
				Price [2]
				Racine [1]
				Richland [3]
				Rock [1]
				Rusk [2]
				Sauk [3]
				Sawyer [1]
				Shawano [3]
				Sheboygan [2]
				St. Croix [2]
				Taylor [2]
				Trempeleau [1]
				Vernon [2]
				Vilas [2]
				Walworth [1]
				Washburn [1]
				Washington [3]
				Waukesha [1]
				Waupaca [3]
				Waushara [3]
				Winnebago [3]
				Wood [1]

[1] Included in a district of 7 counties.
[2] Included in a district of 8 counties.
[3] Included in a district of 9 counties.

SUMMARY

The recapitulation (table 1) of the information presented in the preceding tables shows a total of 946 counties in the United States under some form of local whole-time health administration on December 31, 1936, as compared with 615 on December 31, 1935. It will be noted that there has been a net gain of 331 counties, which represents an increase of 41.7 percent.

TABLE 1.—*Number of counties having whole-time health service as of December 31, 1932, 1933, 1934, 1935, and 1936, and increase or decrease during the years 1933 to 1936*

State	Number of counties					Increase or decrease in—			
	Dec. 31, 1932	Dec. 31, 1933	Dec. 31, 1934	Dec. 31, 1935	Dec. 31, 1936	1933	1934	1935	1936
Alabama	54	46	50	56	57	−8	+4	+6	+1
Arizona	4	4	4	4	5				+1
Arkansas	27	21	19	19	39	−6	−2		+20
California	14	13	15	16	16	−1	+2	+1	
Connecticut	2	2	2	0	0			−2	
Delaware	3	3	3	3	3				
Florida	3	2	2	3	14	−1		+1	+11
Georgia	31	30	30	31	58	−1		+1	+27
Idaho	1	0	0	0	4	−1			+4
Illinois	1	1	1	0	24			−1	+24
Indiana	0	0	0	0	1				+1
Iowa	3	1	1	1	9	−2			+8
Kansas	6	4	3	3	3	−2	−1		
Kentucky	79	73	70	75	78	−6	−3	+5	+3
Louisiana	31	31	32	34	36		+1	+2	+2
Maine	5	5	5	2	15			−3	+13
Maryland	21	22	23	23	23	+1	+1		
Massachusetts	3	3	3	3	4				+1

TABLE 1.—*Number of counties having whole-time health service as of December 31, 1932, 1933, 1934, 1935, and 1936, and increase or decrease during the years 1933 to 1936*—Continued

State	Number of counties					Increase or decrease in—			
	Dec. 31, 1932	Dec. 31, 1933	Dec. 31, 1934	Dec. 31, 1935	Dec. 31, 1936	1933	1934	1935	1936
Michigan	29	30	33	39	42	+1	+3	+6	+3
Minnesota	1	1	1	1	10				+9
Mississippi	25	24	25	25	27	−1	+1		+2
Missouri	10	9	8	6	7	−1	−1	−2	+1
Montana	4	4	4	3	3			−1	
New Mexico	6	6	6	31	31			+25	
New York	4	5	5	5	57	+1			[1] +52
North Carolina	35	36	41	53	50	+1	+5	+12	−3
Ohio	45	40	39	40	48	−5	−1	+1	+8
Oklahoma	0	0	1	2	19		+1	+1	+17
Oregon	7	6	7	6	6	−1	+1	−1	
Pennsylvania	3	3	0	0	0		−3		
Rhode Island	0	0	0	0	5				+5
South Carolina	24	23	23	23	46	−1			+23
South Dakota	1	1	0	0	7		−1		+7
Tennessee	41	34	39	36	43	−7	+5	−3	+7
Texas	8	8	7	9	12		−1	+2	+3
Utah	2	2	2	1	1			−1	
Virginia	25	16	17	40	50	−9	+1	+23	+10
Washington	8	8	8	8	7				−1
West Virginia	15	13	13	14	15	−2		+1	+1
Wisconsin	0	0	0	0	71				+71
Total	581	530	542	615	946	−51	+12	+73	+331

[1] The large increase in counties having whole-time health service in New York did not occur during the year 1936 as the table seems to indicate. New York State has been organized for several years on the district unit basis. Due to a misinterpretation in previous statements of counties having whole-time health service those counties included in district organizations in New York were not reported.

Table 2 presents, by States, the percentage of rural population having health service under the direction of local whole-time health officers at the end of the calendar year 1936.

Of the 946 counties, townships, or districts with health service under whole-time local health officers at the close of 1936, 926, or 97.7 percent, were receiving financial assistance for the support of their health service from one or more of the following agencies: The State Board of Health, the United States Public Health Service, the Rockefeller Foundation, the American Red Cross, the American Women's Hospital Fund, the Rosenwald Fund, the Commonwealth Fund, and the Milbank Memorial Fund.

STATE	COUNTIES UNDER FULL TIME ADMINISTRATION JAN. 1 DEC. 31 1933	1934	1935	1936	%
1 DELAWARE	3	3	3	3	100.0
2 MARYLAND	22	23	23	23	100.0
3 NEW MEXICO	6	6	31	31	100.0
4 NEW YORK	5	5	5	57	100.0
5 SO. CAROLINA	23	23	23	46	100.0
6 WISCONSIN	0	0	0	71	100.0
7 ALABAMA	46	50	56	57	88.5
8 MAINE	5	5	2	15	86.1
9 RHODE ISLAND	0	0	0	5	74.0
10 KENTUCKY	73	70	75	78	69.9
11 LOUISIANA	31	32	34	36	63.6
12 NO. CAROLINA	36	41	53	50	62.6
13 ARIZONA	4	4	4	5	61.8
14 VIRGINIA	16	17	40	50	61.8
15 OHIO	40	39	40	48	61.4
16 ARKANSAS	21	19	19	39	59.4
17 CALIFORNIA	13	15	16	16	57.2
18 TENNESSEE	34	39	36	43	55.4
19 MICHIGAN	30	33	39	42	47.1
20 WEST VIRGINIA	13	13	14	15	43.6
21 MISSISSIPPI	24	25	25	27	43.2
22 WASHINGTON	8	8	8	7	38.8
23 GEORGIA	30	30	31	58	38.4
24 OREGON	6	7	6	6	36.8
25 OKLAHOMA	0	1	2	19	26.4
26 FLORIDA	2	2	3	14	25.1
27 ILLINOIS	1	1	0	24	24.0
28 MISSOURI	9	8	6	7	18.5
29 IDAHO	0	0	0	4	18.4
30 MASSACHUSETTS	3	3	3	4	14.4
31 MINNESOTA	1	1	1	10	14.4
32 SO. DAKOTA	1	0	0	7	10.4
33 IOWA	1	1	1	9	9.9
34 MONTANA	4	4	3	3	8.0
35 TEXAS	8	7	9	12	7.9
36 KANSAS	4	3	3	3	5.7
37 UTAH	2	2	1	1	4.6
38 INDIANA	0	0	0	1	1.6
39 PENNSYLVANIA	3	0	0	0	0.0
40 CONNECTICUT	2	2	0	0	0.0
41 COLORADO	0	0	0	0	0.0
42 NEBRASKA	0	0	0	0	0.0
43 NEVADA	0	0	0	0	0.0
44 NEW HAMPSHIRE	0	0	0	0	0.0
45 NEW JERSEY	0	0	0	0	0.0
46 NO. DAKOTA	0	0	0	0	0.0
47 VERMONT	0	0	0	0	0.0
48 WYOMING	0	0	0	0	0.0
TOTALS.	530	542	615	946	41.7

FIGURE 1.—Number of whole-time county or local district health units, by States, 1933-36, and percentage of rural population served on December 31, 1936.

TABLE 2.—*Percentage of rural population having on Dec. 31, 1936, health service under local whole-time health officers*

State	Rural population as of Dec. 31, 1936 (estimate from 1930 census)	Rural population with local health service under direction of whole-time health officers	Percentages of rural population with local health service under direction of whole-time health officers
Alabama	1,943,540	1,720,695	88.5
Arizona	331,208	204,988	61.8
Arkansas	1,478,121	879,335	59.4
California	1,794,237	1,026,535	57.2
Colorado	535,361	0	0.0
Connecticut	495,442	0	0.0
Delaware	123,794	123,794	100.0
Florida	771,512	194,356	25.1
Georgia	2,013,016	774,936	38.4
Idaho	317,300	58,614	18.4
Illinois	1,994,927	479,160	24.0
Indiana	1,442,611	24,150	1.6
Iowa	1,491,647	148,787	9.9
Kansas	1,151,165	66,372	5.7
Kentucky	1,836,950	1,284,279	69.9
Louisiana	1,332,409	848,646	63.6
Maine	480,838	414,190	86.1
Maryland	706,980	706,980	100.0
Massachusetts	560,480	81,134	14.4
Michigan	1,614,925	761,691	47.1
Minnesota	1,306,337	188,832	14.4
Mississippi	1,750,305	756,504	43.2
Missouri	1,770,248	327,540	18.5
Montana	356,570	28,718	8.0
Nebraska	892,377	0	0.0
Nevada	56,594	0	0.0
New Hampshire	211,240	0	0.0
New Jersey	716,003	0	0.0
New Mexico	330,403	330,403	100.0
New York	2,244,396	2,244,396	100.0
North Carolina	2,552,504	1,599,006	62.6
North Dakota	573,405	0	0.0
Ohio	2,176,907	1,337,159	61.4
Oklahoma	1,630,699	431,902	26.4
Oregon	511,236	188,313	36.8
Pennsylvania	3,097,139	0	0.0
Rhode Island	76,336	56,489	74.0
South Carolina	1,367,685	1,367,685	100.0
South Dakota	579,898	60,620	10.4
Tennessee	1,720,018	953,705	55.4
Texas	3,622,932	289,111	7.9
Utah	246,700	11,450	4.6
Vermont	240,845	0	0.0
Virginia	1,637,046	1,012,876	61.8
Washington	725,593	282,162	38.8
West Virginia	1,331,875	581,950	43.6
Wisconsin	1,385,163	1,385,163	100.0
Wyoming	167,595	0	0.0
Total	55,694,512	23,232,626	41.7

Reference to figure 1 reveals the fact that there are now six States in which 100 percent of the counties are served by either individual county health units or district health units. The following States have not at any time developed whole-time county health service as defined in the explanatory remarks preceding table 1:

Nebraska	New Jersey
Nevada	North Dakota
New Hampshire	Vermont

Figure 2 shows the location of the counties, townships, or districts in the United States with health service for rural areas under the

direction of whole-time health officers on December 31, 1936. It will be noted, however, that no distinction is made in the type of service maintained in the different counties. In reducing the map to

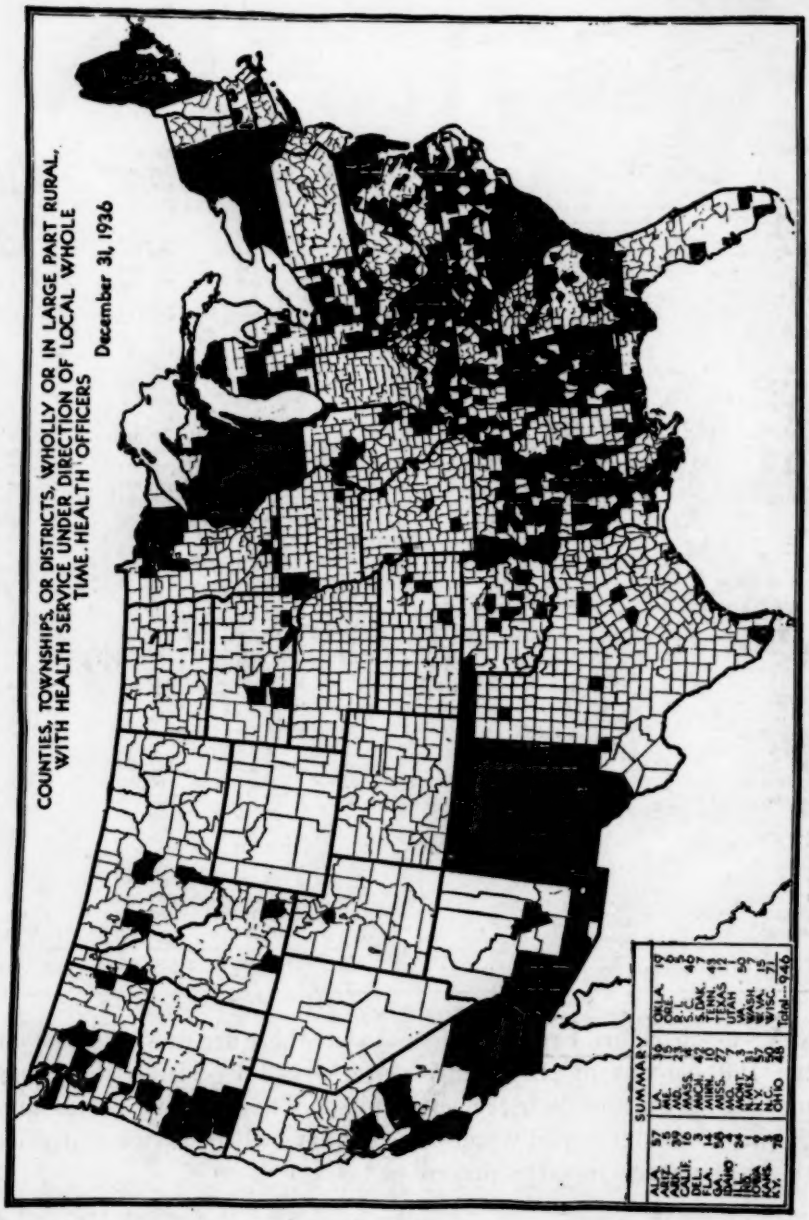

FIGURE 2.—Rural areas (in black) having whole-time health service, December 31, 1936.

a size suitable for reproduction in this report, it was found impracticable to attempt any form of code which would show a distinction between county and district organizations.

DIRECTORY OF WHOLE-TIME COUNTY HEALTH OFFICERS, 1937*

Each year the Public Health Service publishes information as to the extent of whole-time rural health service in the United States, giving the names of the counties so served in each State. The tabulation presented here supplements that information by giving the name, address, and official title of the whole-time county and district health officers. It would also serve a useful purpose to have a complete list of personnel for each whole-time county or district health unit, but this would involve considerable detail, and such information can be obtained for any county or district listed in this directory by communicating with the health officer.

State and county	Name of health officer	Post office	Official title
Alabama:			
Baldwin	P. M. Thompson, M. D.	Bay Minette	County health officer.
Barbour	E. M. Moore, M. D.	Clayton	Do.
Blount	W. A. Dodson, M. D.	Oneonta	Do.
Bullock	H. R. Owen, M. D.	Union Springs	Do.
Calhoun	G. A. Cryer, M. D.	Anniston	Do.
Chambers	C. E. Johnson, M. D.	Lafayette	Do.
Cherokee	S. C. Tatum, M. D.	Center	Do.
Chilton	J. M. Kimmey, M. D.	Clanton	Do.
Cleburne	F. R. Wood, M. D.	Heflin	Do.
Coffee	H. T. Donovan, M. D.	Elba	Do.
Colbert	R. E. Harper, M. D.	Tuscumbia	Do.
Conecuh	E. L. Kelly, M. D.	Evergreen	Do.
Coosa	W. D. Burkhalter, M. D.	Rockford	Do.
Covington	C. D. McLeod, M. D.	Andalusia	Do.
Crenshaw	J. O. Foster, M. D.	Luverne	Do.
Cullman	M. S. Whiteside, M. D.	Cullman	Do.
Dale	W. L. Orr, M. D.	Ozark	Do.
Dallas	L. T. Lee, M. D.	Selma	Do.
De Kalb	J. E. Dunn, M. D.	Fort Payne	Do.
Elmore	C. S. Cotlin, Jr., M. D.	Wetumpka	Do.
Escambia	W. J. Donald, M. D.	Brewton	Do.
Etowah	C. L. Murphree, M. D.	Gadsden	Do.
Franklin	N. P. Underwood, M. D.	Russellville	Do.
Henry	W. L. Chambers, M. D.	Abbeville	Do.
Houston	W. T. Burkett, M. D.	Dothan	Do.
Jackson	G. E. Newton, M. D.	Scottsboro	Do.
Jefferson	J. D. Dowling, M. D.	Birmingham	Do.
Lamar	D. R. Brown, M. D.	Vernon	Do.
Lauderdale	W. D. Hubbard, M. D.	Florence	Do.
Lawrence	C. J. Fisher, M. D.	Moulton	Do.
Lee	H. C. McRee, M. D.	Opelika	Do
Limestone	F. N. Hall, M. D.	Athens	Do.
Lowndes	E. F. Leatherwood, M. D.	Hayneville	Do.
Macon	Murray Smith, M. D.	Tuskegee	Do.
Madison	W. C. Hatchett, M. D.	Huntsville	Do.
Marengo	E. T. Norman, M. D.	Linden	Do.
Marion	T. L. Owings, M. D.	Hamilton	Do.
Marshall	Lee Weathington, M. D.	Guntbersville	Do.
Mobile	O. L. Chason, M. D.	Mobile	Do.
Monroe	M. F. Parker, M. D.	Monroeville	Do.
Montgomery	J. L. Bowman, M. D.	Montgomery	Do.
Morgan	L. R. Murphree, M. D.	Decatur	Do.
Perry	J. R. Long, M. D.	Marion	Do.
Pickens	J. J. Croley, M. D.	Carrollton	Do.
Pike	W. H. Abernethy, M. D.	Troy	Do.
Randolph	W. A. Edwards, M. D.	Wedowee	Do.
Russell	M. L. Shaddix, M. D.	Phenix City	Do.
Shelby	H. C. Nickson, M. D.	Columbiana	Do.
Sumter	R. V. Taylor, M. D.	Livingston	Do.
Talladega	J. H. Hill, M. D.	Talladega	Do.
Tallapoosa	C. C. Fargason, M. D.	Dadeville	Do.
Tuscaloosa	A. A. Kirk, M. D.	Tuscaloosa	Do.
Walker	A. M. Waldrop, M. D.	Jasper	Do.
Washington	I. C. Sumner, M. D.	Chatom	Do.
Wilcox	E. L. McIntosh, M. D.	Camden	Do.
Winston	H. A. McClure, M. D.	Double Springs	Do.

*As of January 1, 1937.

State and county	Name of health officer	Post office	Official title
Arizona:			
Cochise	R. B. Durfee, M. D.	Bisbee	Director.
Gila	G. F. Manning, M. D.	Globe	Do.
Maricopa	A. N. Crain, M. D.	Phoenix	Do.
Pima	Lewis H. Howard, M. D.	Tucson	Do.
Yuma	Jack B. Eason, M. D.	Yuma	Do.
Arkansas:			
Conway	John M. Smith, M. D.	Morrilton	Do.
Crittenden	B. M. Stevenson, M. D.	Marion	Do.
Drew	Seldon W. Chambers, M. D.	Monticello	Do.
Garland	J. F. Merritt, M. D.	Hot Springs	Do.
Jefferson	W. H. Bruce, M. D.	Pine Bluff	Do.
Mississippi	R. E. Schirmer, M. D.	Blytheville	Do.
Pulaski	J. A. Summers, M. D.	Little Rock	Do.
Sebastian	J. E. Johnson, M. D.	Fort Smith	Do.
St. Francis	W. A. Winter, M. D.	Forrest City	Do.
District No. 1	R. J. Turner, M. D.	Fayetteville	Do.
Benton.			
Crawford.			
Washington.			
District No. 2	A. M. Gibbs, M. D., C. P. H.	Hamburg	Do.
Ashley.			
Chicot.			
District No. 3	J. K. Grace, M. D.	Arkadelphia	Do.
Clark.			
Hempstead.			
Nevada.			
District No. 4	Marcus T. Smith, M. D.	Conway	Do.
Cleburne.			
Faulkner.			
District No. 5	J. W. Ringgold, M. D.	Ashdown	Do.
Howard.			
Little River.			
Sevier.			
District No. 6	F. S. Dozier, M. D.	Clarendon	Do.
Arkansas.			
Monroe.			
District No. 7	R. C. Kennerly, M. D.	Camden	Do.
Calhoun.			
Dallas.			
Ouachita.			
District No. 8	W. B. Bruce, M. D.	Helena	Do.
Lee.			
Phillips.			
District No. 9	A. B. Tate, M. D.	Russellville	Do.
Johnson.			
Pope.			
Yell.			
District No. 10	Thomas C. Watson, M. D.	Benton	Do.
Grant.			
Hot Spring.			
Saline.			
District No. 11	J. F. Hays, M. D.	Augusta	Do.
Cross.			
White.			
Woodruff.			
Jackson.	M. B. Owens, M. D.	Newport	Assistant director.
California:			
Alameda	I. O. Church, M. D., C. P. H.	Oakland	County health officer.
Contra Costa	W. A. Powell, M. D.	Martinez	Do.
Fresno	W. F. Stein, M. D.	Fresno	Do.
Imperial	W. F. Fox, M. D.	El Centro	Do.
Kern	Myrnie L. Gifford, M. D., C. P. H.	Kernville	Assistant county health officer.
Los Angeles	J. L. Pomeroy, M. D.	Los Angeles	County health officer.
Madera	L. A. Stone, M. D.	Madera	Do.
Monterey	R. M. Fortier, M. D.	Salinas	Do.
Orange	K. H. Sutherland, M. D.	Santa Ana	Do.
Riverside	W. A. Jones, M. D.	Riverside	Do.
San Bernardino	E. B. Godfrey, M. D.	San Bernardino	Do.
San Diego	A. M. Lesem, M. D.	San Diego	Do.
San Joaquin	J. J. Sippy, M. D.	Stockton	District health officer.
San Luis Obispo	A. F. Gillihan, M. D.	San Luis Obispo	County health officer.
San Mateo	C. C. Gans, M. D.	San Mateo	Do.
Santa Barbara	R. C. Main, M. D.	Santa Barbara	Do.
Stanislaus	E. F. Reamer, M. D.	Modesto	Do.
Delaware:			
Kent	E. F. Smith, M. D.	Dover	Director county health unit.
New Castle	J. R. Downes, M. D.	Newark	Do.
Sussex	F. I. Hudson, M. D.	Georgetown	Do.
Florida:			
Broward	Paul G. Shell, M. D.	Fort Lauderdale	Director.
Escambia	W. H. Pickett, M. D., C. P. H.	Pensacola	Do.

State and county	Name of health officer	Post office	Official title
Florida—Continued.			
Gadsden	C. W. McDonald, M. D.	Quincy	Director.
Highlands	C. W. Pease, M. D.	Avon Park	Do.
Hillsborough	J. S. Spoto, M. D., C. P. H.	Tampa	Do.
Jackson	R. N. Joyner, M. D.	Marianna	Do.
Leon	L. J. Graves, M. D.	Tallahassee	Do.
Monroe	J. B. Parramore, M. D., C. P. H.	Key West	Do.
Pinellas	T. E. Morgan, M. D., M. P. H.	Clearwater	Do.
Taylor	C. A. O'Quinn, M. D., C. P. H.	Perry	Do.
Wakulla	L. C. Gonzales, M. D., C. P. H.	Wakulla	District health officer.
District health unit	J. W. McMurray, M. D., C. P. H.	Apalachicola	Director.
Calhoun.			
Franklin.			
Gulf.			
Liberty.			
Georgia:			
Baldwin	O. F. Moran, M. D.	Milledgeville	Commissioner of health.
Bartow	A. C. Shamblin, M. D.	Cartersville	Do.
Bibb	J. D. Applewhite, M. D., M. P. H.	Macon	Do.
Brooks	M. E. Groover, Jr., M. D.	Quitman	Do.
Chatham	Victor H. Bassett, M. D.	Savannah	Do.
Clarke	W. W. Brown, M. D.	Athens	Do.
Cobb	J. E. Lester, M. D.	Marietta	Do.
Colquitt	T. H. Chesnutt, M. D.	Moultrie	Do.
Decatur	M. A. Fort, M. D., D. P. H., Ph. G.	Bainbridge	Do.
De Kalb	J. R. Evans, M. D., Ph. G.	Decatur	Do.
Dougherty	Thomas W. Collier, M. D.	Albany	Do.
Floyd	B. V. Elmore, M. D.	Rome	Do.
Fulton	W. L. Gilbert, M. D.	Atlanta	Do.
Glynn-McIntosh-Camden.	M. E. Winchester, M. D., C. P. H., D. P. H.	Brunswick	Do.
Grady	H. P. Rankin, M. D.	Cairo	Do.
Hall	W. D. Cagle, M. D.	Gainesville	Do.
Jefferson	L. R. Bryson, M. D.	Louisville	Do.
Jenkins	H. B. Senn, M. D.	Millen	Do.
Laurens	O. H. Cheek, M. D.	Dublin	Do.
Lowndes	Gordon T. Crozier, M. D., D. P. H.	Valdosta	Do.
Mitchell	C. O. Rainey, M. D.	Camilla	Do.
Richmond	Thomas B. Phinizy, M. D.	Augusta	Do.
Spalding	W. C. Humphries, M. D.	Griffin	Do.
Sumter	W. Franklin Castellow, M. D.	Americus	Do.
Telfair-Wheeler	Walter L. Shepeard, M. D.	McRae	Do.
Terrell	R. Frank Cary, M. D.	Dawson	Do.
Thomas	J. R. Dykes, M. D.	Thomasville	Do.
Tift	R. Floyd Payne, M. D.	Tifton	Do.
Troup	S. C. Rutland, M. D.	LaGrange	Do.
Walker-Catoosa	Richard C. Shepard, M. D.	LaFayette	Do.
Ware	George E. Atwood, M. D., D. P. H.	Waycross	Do.
Washington	O. L. Rogers, M. D.	Sandersville	Do.
State Health District No. 6.	F. A. Brink, M. D.	Blackshear	Do.
Appling.			
Atkinson.			
Bacon.			
Brantley.			
Bryan.			
Charlton.			
Clinch.			
Coffee.			
Echols.			
Jeff Davis.			
Lanier.			
Liberty.			
Long.			
Pierce.			
Wayne.			
State Health District No. 7.	Loren Wallin, M. D.	Sparta	Do.
Columbia.			
Glascock.			
Greene.			
Hancock.			
Jasper.			
McDuffie.			
Morgan.			
Newton.			
Putnam.			
Taliaferro.			
Warren.			

State and county	Name of health officer	Post office	Official title
Idaho:			
Bannock	M. B. McQueen, M. D.	Pocatello	Director.
Nez Perce-Latah	M. W. Caskey, M. D.	Lewiston	Do.
Twin Falls	James W. Hawkins, M. D.	Twin Falls	Do.
Illinois:			
District No. 1	C. W. Van Wormer, M. D.	Homewood	District health superintendent.
Cook.			
Lake.			
District No. 3	J. A. Poling, M. D.	Freeport	Do.
Boone.			
McHenry.			
Stephenson.			
Winnebago.			
District No. 5	Carl Peterson, M. D.	Moline	Do.
Henry.			
Knox.			
Rock Island.			
Stark.			
District No. 9	Sandor Horwitz, M. D.	Peoria	Do.
Marshall.			
Peoria.			
Tazewell.			
Woodford.			
District No. 13	Loren E. Orr, M. D.	Greenview	Do.
Logan.			
Mason.			
Menard.			
Sangamon.			
District No. 16	Nettie Dorris, M. D.	Paris	Do.
Clark.			
Coles.			
Cumberland.			
Edgar.			
Moultrie.			
District No. 23	Roland R. Cross, M. D.	Dahlgren	Do.
Franklin.			
Hamilton.			
Jefferson.			
White.			
District No. 25	L. S. Barger, M. D.	Golconda	Do.
Gallatin.			
Hardin.			
Pope.			
Saline.			
Williamson.			
Indiana:			
Lake	William D. Weis, M. D.	Crown Point	County health commissioner.
Iowa:			
Des Moines	Arthur C. Schach, M. D.	Burlington	Health officer.
Washington	R. M. Sorenson, M. D.	Washington	Do.
Woodbury	W. S. Petty, M. D.	Sioux City	Do.
District Health Service No. 1.	William Trotter, M. D.	Cherokee	Do.
Cherokee.			
Lyon.			
O'Brien.			
Osceola.			
Plymouth.			
Sioux.			
Kansas:			
Lyon	C. H. Munger, M. D.	Emporia	County health officer.
Sedgwick	J. C. Montgomery, M. D.	Wichita	Do.
Shawnee	F. E. McCord, M. D.	Topeka	Do.
Kentucky:			
Adair	N. A. Mercer, M. D., M. P. H.	Columbia	Do.
Allen	C. W. Holland, M. D.	Scottsville	Do.
Anderson	Lee A. Dare, M. D.	Lawrenceburg	Do.
Ballard	C. B. Billington, M. D.	Wickliffe	Do.
Barren	W. M. Chapman, M. D.	Glasgow	Do.
Bath	J. S. Goodpaster, M. D.	Owingsville	Do.
Bell	R. B. Fulks, M. D.	Pineville	Do.
Boyd	R. D. Higgins, M. D., M. P. H.	Ashland	Do.
Breathitt	L. R. McCormack, M. D.	Jackson	Do.
Butler	C. C. Threlkel, M. D.	Morgantown	Do.
Caldwell	J. M. Dishman, M. D.	Princeton	Do.
Calloway	J. A. Outland, M. D.	Murray	Do.
Carlisle	J. F. Harrell, M. D.	Bardwell	Do.
Carter	Don E. Wilder, M. D.	Grayson	Do.
Casey	G. F. Brockman, M. D.	Liberty	Do.
Clay	L. H. Wagers, M. D.	Manchester	Do.
Clinton	W. G. Morgan, M. D.	Albany	Do.
Cumberland	H. H. Bishop, M. D.	Burkesville	Do.
Edmonson	L. E. Johnson, M. D.	Brownsville	Do.

State and county	Name of health officer	Post office	Official title
Kentucky—Continued.			
Elliott	Temporary vacancy	Sandy Hook	County health officer.
Estill	R. R. Snowden, M. D.	Irvine	Do.
Fayette	Chas. D. Cawood, M. D., C. P. H.	Lexington	Do.
	Earl E. Gambill, M. D.	do	Assistant county health officer.
Fleming	C. W. Christine, M. D.	Flemingsburg	County health officer.
Floyd	Marvin Ransdell, M. D.	Prestonsburg	Do.
Fulton	Gradie R. Rowntree, M. D., C. P. H.	Hickman	Do.
Gallatin	H. A. Shields, M. D.	Warsaw	Do.
Grant	N. H. Ellis, M. D.	Williamstown	Do.
Grayson	L. C. Wray, M. D.	Leitchfield	Do.
Green	J. W. Miller, M. D.	Greensburg	Do.
Greenup	A. F. Smith, M. D.	Greenup	Do.
Hart	E. M. Thompson, M. D.	Munfordville	Do.
Henderson	J. Leland Tanner, M. D., M. P. H.	Henderson	Do.
Hickman	Chas. Hunt, M. D.	Clinton	Do.
Hopkins	C. R. Morton, M. D.	Madisonville	Do.
Jefferson	John D. Trawick, M. D.	Louisville	Do.
Johnson	R. E. Wehr, M. D.	Paintsville	Do.
Kenton	H. C. White, M. D.	Covington	Do.
Knott	J. W. Duke, M. D.	Hindman	Do.
Knox	W. V. Bradshaw, M. D.	Barbourville	Do.
Laurel	G. S. Brock, M. D.	London	Do.
Lawrence	A. M. Lyon, M. D.	Louisa	Do.
Lee	E. M. Brown, M. D.	Beattyville	Do.
Leslie	W. W. Buckhold, M. D.	Hyden	Do.
Letcher	R. D. Collins, M. D., M. P. H.	Whitesburg	Do.
Lincoln	K. T. Johnstone, M. D.	Stanford	Do.
Lyon	N. M. Atkins, M. D.	Eddyville	Do.
McCracken	R. E. Teague, M. D., C. P. H.	Paducah	Do.
McCreary	C. R. Markwood, M. D.	Whitley City	Do.
McLean	P. D. Moore, M. D.	Calhoun	Do.
Madison	H. G. Wells, M. D., C. P. H.	Richmond	Do.
Magoffin	H. K. Bailey, M. D.	Salyersville	Do.
Marshall	S. L. Henson, M. D.	Benton	Do.
Martin	Wm. N. Keith, M. D.	Inez	Do.
Mason	O. M. Goodloe, M. D., C. P. H.	Maysville	Do.
Meade	O. R. Lynch, M. D.	Brandenburg	Do.
Menifee	E. T. Riley, M. D.	Frenchburg	Do.
Metcalfe	H. T. Carter, M. D.	Edmonton	Do.
Monroe	A. S. Yates, M. D.	Tompkinsville	Do.
Muhlenberg	Roy Orsburn, M. D.	Greenville	Do.
Nicholas	J. W. Scudder, M. D.	Carlisle	Do.
Ohio	A. D. Park, M. D.	Hartford	Do.
Owsley	J. R. Aker, M. D.	Booneville	Do.
Perry	D. D. Turner, M. D.	Hazard	Do.
Pike	C. P. Shields, M. D.	Pikeville	Do.
Powell	S. T. Scrivner, M. D.	Stanton	Do.
Pulaski	E. A. Steiner, M. D.	Somerset	Do.
Rockcastle	Walker Owens, M. D.	Mt. Vernon	Do.
Rowan	T. A. E. Evans, M. D.	Morehead	Do.
Scott	C. M. Gambill, M. D., M. P. H.	Georgetown	Do.
Spencer	M. H. Skaggs, M. D., C. P. H.	Taylorsville	Do.
Todd	L. A. Crosby, M. D.	Elkton	Do.
Trigg	J. O. Nall, M. D.	Cadiz	Do.
Trimble	J. J. Gerkins, M. D.	Bedford	Do.
Union	E. W. Atherton, M. D.	Morganfield	Do
Warren	G. M. Wells, M. D.	Bowling Green	Do.
Wayne	Mack Roberts, M. D.	Monticello	Do.
Webster	C. M. Smith, M. D.	Dixon	Do.
Wolfe	J. L. Cox, M. D.	Campton	Do.
Louisiana: [1]			
Acadia	J. D. Hunter, M. D.	Crowley	Director.
Assumption	P. M. Payne, M. D.	Napoleonville	Do.
Avoyelles	L. W. Holloman, M. D.	Marksville	Do.
Bienville	B. O. Morrison, M. D.	Arcadia	Do.
Caddo	W. J. Sandidge, M. D., C. P. H.	Shreveport	Do.
Caldwell	Thomas Burk, M. D.	Columbia	Do.
Catahoula	L. C. Spencer, M. D.	Harrisonburg	Do.
Claiborne	H. R. Marlatt, M. D., C. P. H.	Homer	Do.
Concordia	John Schreiber, M. D.	Vidalia	Do.
De Soto	R. A. Tharp, M. D.	Mansfield	Do.
East Carroll	B. J. Aymond, M. D.	Lake Providence	Do.
Franklin	R. E. Applewhite, M. D.	Winnsboro	Do.
Iberia	B. L. Stinson, M. D.	New Iberia	Do.
Iberville	J. Cyril Eby, M. D.	Plaquemine	Do.

[1] Parishes.

State and county	Name of health officer	Post office	Official title
Louisiana—Continued.			
Jefferson Davis	John M. Whitney, M. D.	Jennings	Director.
Lafayette	A. J. Comeaux, M. D.	Lafayette	Do.
Lafourche	H. S. Smith, M. D.	Thibodaux	Do.
La Salle	E. L. Miller, M. D.	Jena	Do.
Lincoln	R. H. Allen, M. D.	Ruston	Do.
Madison	E. S. Freeman, M. D.	Tallulah	Do.
Morehouse	N. P. Liles, M. D.	Bastrop	Do.
Natchitoches	W. W. Knipmeyer, M. D., C. P. H.	Natchitoches	Do.
Ouachita	G. D. Williams, M. D.	Monroe	Do.
Pointe Coupee	W. L. Treuting, M. D.	New Roads	Do.
Rapides	P. F. Murphy, M. D.	Alexandria	Do.
Richland	R. O. C. Green, M. D.	Rayville	Do.
St. Landry	F. V. Boyd, M. D.	Opelousas	Do.
St. Martin	P. H. Fleming, M. D.	St. Martinville	Do.
St. Mary	F. S. Williams, M. D.	Franklin	Do.
Tensas	W. K. Evans, M. D.	St. Joseph	Do.
Terrebonne	M. F. Houston, M. D.	Houma	Do.
Union	J. G. Norris, M. D.	Farmerville	Do.
Washington	F. A. Williams, M. D.	Franklinton	Do.
Webster	W. C. Summer, M. D.	Minden	Do.
West Carroll	A. F. Whitsitt, M. D.	Oak Grove	Do.
Maine:			
Androscoggin	R. J. Wiseman, Jr., M. D.	Lewiston	Local health officer.
Cumberland	Thomas Tetreau, M. D.	Portland	Do.
Hancock	F. O. Alley, B. S.	Bar Harbor	Do.
Kennebec	A. R. Daviau, M. D.	Waterville	Do.
Oxford	T. S. Burr, M. D.	Rumford	Do.
Penobscot	H. D. McNeil, M. D.	Bangor	Do.
York	W. H. Kelly, M. D.	Sanford	Do.
Cooperative Health Union [2] Franklin County.	B. L. Arms, M. D.	Farmington	Director.
Motbov Health Union [2]	H. L. Jackson, M. D.	Old Town	Local health officer.
Maryland:			
Allegany	J. P. Franklin, M. D.	Cumberland	Deputy State health officer.
	W. B. Johnson, M. D.	do	Assistant deputy State health officer.
Anne Arundel	W. J. French, M. D.	Annapolis	Deputy State health officer.
Baltimore	J. S. Bowen, M. D.	Towson	Do.
Calvert	I. N. King, M. D.	Prince Frederick	Do.
Caroline	G. E. Waters, M. D.	Denton	Do.
Carroll	W. C. Stone, M. D.	Westminster	Do.
Cecil	C. A. Kane, M. D.	Elkton	Do.
Charles	D. St. C. Campbell, M. D.	La Plata	Do.
Dorchester	E. A. Jones, M. D.	Cambridge	Do.
Frederick	E. C. Kefauver, M. D.	Frederick	Do.
Garrett	E. C. Peck, M. D.	Oakland	Do.
Harford	T. A. Callahan, M. D.	Bel Air	Do.
Howard	E. R. Davies, M. D.	Ellicott City	Do.
Kent	H. R. DuPuy, M. D.	Chestertown	Do.
Montgomery	V. L. Ellicott, M. D., D. P. H.	Rockville	Do.
Prince Georges	A. B. Hooton, M. D.	Upper Marlboro	Do.
Queen Annes	J. A. McCallum, M. D.	Centerville	Do.
St. Marys	Temporary vacancy		Do.
Somerset	R. H. Johnson, M. D.	Princess Anne	Do.
Talbot	L. S. Welty, M. D.	Easton	Do.
Washington	W. R. Cameron, M. D.	Hagerstown	Do.
Wicomico	S. H. Hurdle, M. D.	Salisbury	Do.
Worcester	Bradford Massey, M. D.	Pocomoke City	Do.
Massachusetts:			
Barnstable	Almon P. Goff, M. D.	Hyannis	County health officer.
Berkshire [1]	Harold W. Stevens, M. D.	Great Barrington	Medical director.
Franklin	Walter W. Lee, M. D.	Greenfield	Health officer.
Nashoba [1]	James O. Wails, M. D., C. P. H.	Ayer	Director of public health.
Michigan:			
Allegan	M. B. Beckett, M. D., C. P. H.	Allegan	Director.
Barry	R. B. Harkness, M. D.	Hastings	Do.
Branch	S. F. Leeder, M. D., D. P. H.	Coldwater	Do.
Calhoun	M. R. Kinde, M. D.	Marshall	Do.
Chippewa	David Littlejohn, M. D., D. P. H.	Sault Ste. Marie	Do.
Delta	R. C. Farrier, M. D.	Escanaba	Do.
Eaton	J. W. Davis, M. D.	Charlotte	Do.
Genesee	T. E. Gibson, M. D., M. P. H.	Flint	Do.

[1] District.

State and county	Name of health officer	Post office	Official title
Michigan—Continued.			
Hillsdale	E. G. McGavran, M. D., C. P. H.	Hillsdale	Director.
Houghton-Keweenaw	F. J. Austin, M. D	Houghton	Do.
Iron	T. E. Camper, M. D	Stambaugh	Do.
Isabella	F. R. Town, M. D	Mt. Pleasant	Do.
Kent	J. D. Brook, M. D	Grand Rapids	Do.
Mecosta-Osceola	M. C. Igloe, M. D	Big Rapids	Do.
Menominee	L. A. Berg, M. D	Menominee	Do.
Midland	L. V. Burkett, M. D	Midland	Do.
Oakland	J. D. Monroe, M. D	Pontiac	Do.
Ottawa	Ralph TenHave, M. D., C. P. H.	Grand Haven	Do.
Saginaw	V. K. Volk, M. D., D. P. H.	Saginaw	Do.
Van Buren	Frank Carroll, M. D., D. M. D., C. P. H.	Paw Paw	Do.
Wexford	S. C. Moore, M. D	Cadillac	Do.
District No. 1	T. R. Laughbaum, M. D	Lake City	Do.
Crawford.			
Kalkaska.			
Missaukee.			
Roscommon.			
District No. 2	Sue Thompson, M. D	West Branch	Do.
Alcona.			
Iosco.			
Ogemaw.			
Oscoda.			
District No. 3	Carleton Dean, M. D., C. P. H.	Charlevoix	Do.
Antrim.			
Charlevoix.			
Emmet.			
Otsego.			
District No. 4	G. B. Moffatt, M. D., D. P. H.	Rogers City	Do.
Alpena.			
Cheboygan.			
Montmorency.			
Presque Isle.			
District No. 5	Guy R. Post, M. D., C. P. H.	White Cloud	Do.
Lake.			
Newaygo.			
Oceana.			
District No. 6	C. D. Hart, M. D., C. P. H.	Newberry	Do.
Luce.			
Mackinac.			
Schoolcraft.			
District No. 7	E. V. Thiehoff, M. D	Gladwin	Do.
Arenac.			
Clare.			
Gladwin.			
District No. 8	L. W. Switzer, M. D	Manistee	Do.
Manistee.			
Mason.			
Minnesota:			
District No. 1	James R. Kingston, M. D	Bemidji	District health officer.
Beltrami.			
Hubbard.			
Itasca.			
Koochiching.			
District No. 2	Floyd M. Feldman, M. D., D. P. H.	Mankato	Do.
Blue Earth.			
Freeborn.			
Jackson.			
Martin.			
Mower.			
District No. 3	Proposed		
District No. 4	C. A. Scherer, M. D	Duluth	Do.
Carlton.			
Cook.			
St. Louis.			
Chippewa Indian Health Unit.[2]	Percy T. Watson, M. D., M. P. H.	Cass Lake	Medical director.
Mississippi:			
Adams	C. R. Gillespie, M. D	Natchez	Director.
Bolivar	R. D. Dedwylder, M. D	Cleveland	Do.
Coahoma	N. C. Knight, M. D., C. P. H.	Clarksdale	Do.
Copiah	J. C. McGuire, M. D	Hazlehurst	Do.
Forrest	B. D. Blackwelder, M. D., C. P. H.	Hattiesburg	Do.
Hancock	C. M. Shipp, M. D	Bay St. Louis	Do.
Harrison	D. J. Williams, M. D	Gulfport	Do.

[1] District.
[2] Serving Indian population of northern part of the State.

State and county	Name of health officer	Post office	Official title
Mississippi—Contd.			
Hinds	W. E. Noblin, M. D.	Jackson	Director.
Holmes	G. W. Mast, M. D.	Lexington	Do.
Humphreys	J. W. Barkley, M. D.	Belzoni	Do.
Jackson	R. G. Lander, M. D.	Pascagoula	Do.
Jones	A. R. Perry, M. D., M. P. H.	Laurel	Do.
Lamar	J. N. Mason, M. D.	Purvis	Do.
Lauderdale	D. V. Galloway, M. D., M. P. H.	Meridian	Do.
Lee	W. H. Cleveland, M. D.	Tupelo	Do.
Leflore	L. A. Barnett, M. D.	Greenwood	Do.
Lincoln	W. R. May, M. D., C. P. H.	Brookhaven	Do.
Madison	C. C. Smith, M. D., C. P. H.	Canton	Do.
Marshall	V. B. Harrison, M. D., C. P. H.	Holly Springs	Do.
Monroe	C. H. Love, M. D.	Aberdeen	Do.
Pearl River	R. J. Jones, M. D.	Poplarville	Do.
Pike	T. Paul Haney, Jr., M. D., C. P. H.	McComb	Do.
Sharkey	A. K. Barrier, M. D.	Rolling Fork	Do.
Sunflower	H. B. Cottrell, M. D., C. P. H.	Indianola	Do.
Union	Ray H. Biggs, M. D.	New Albany	Do.
Warren	F. Michael Smith, M. D.	Vicksburg	Do.
Washington	John W. Shackelford, M. D., M. P. H.	Greenville	Do.
Yazoo	H. L. McCalip, M. D., C. P. H.	Yazoo City	Do.
Missouri:			
Dunklin	Wheeler Davis, M. D.	Kennett	County health officer.
Greene	L. M. Garner, M. D., C. P. H.	Springfield	Do.
Marion	E. M. Lucke, M. D.	Hannibal	Do.
Miller	R. L. Russell, M. D.	Tuscumbia	Do.
St. Louis	T. R. Meyer, M. D., D. P. H.	Clayton	Do.
Montana:			
Cascade	F. L. Watkins, M. D.	Great Falls	Do.
Missoula	F. D. Pease, M. D.	Missoula	Do.
Gallatin	F. D. Brewer, M. D.	Bozeman	Do.
New Mexico:			
District No. 1	E. F. McIntyre, M. D.	Santa Fe	District health officer.
Rio Arriba.	A. A. Wolfson, M. D., serving ad interim; Dr. McIntyre is on study leave.	do	Deputy district health officer.
Santa Fe.			
Taos.			
District No. 2	E. B. Beaver, M. D.	Gallup	District health officer.
McKinley.			
San Juan.			
District No. 3	J. O. Long, M. D.	Albuquerque	Do.
Bernalillo.	J. W. Elder, M. D., serving ad interim; Dr. Long is on study leave.	do	Deputy district health officer.
Sandoval.			
District No. 4	C. W. Gerber, M. D.	Las Cruces	District health officer
Dona Ana.			
Lincoln.			
Otero.			
Sierra.			
District No. 5	W. W. Johnston, M. D.	Las Vegas	Do.
Guadalupe.			
Mora			
San Miguel.			
District No. 6	O. E. Puckett, M. D.	Carlsbad	Do.
Chaves.			
Eddy.			
Lea.			
District No. 7	J. C. Mitchell, M. D., C.P.H.	Silver City	Do.
Grant.			
Hidalgo.			
Luna.			
District No. 8	Harrison Eilers, M. D.	Los Lunas	Do.
Catron.			
Socorro.			
Torrance.			
Valencia.			
District No. 9	Frank C. Diver, M. D.	Raton	Do.
Colfax			
Harding.			
Union.			
District No. 10	Frank W. Parker, Jr., M. D.	Clovis	Do.
Curry.	R. P. Kandle, M. D., serving ad interim; Dr. Parker is on study leave.	do	Deputy district health officer.
DeBaca.			
Quay.			
Roosevelt.			
New York:			
Cattaraugus	H. R. O'Brien, M. D., C. P. H.	Olean	County health commissioner.
Columbia	L. Van Hoesen, M. D.	Hudson	Do.
Cortland	M. R. French, M. D., C. P. H.	Cortland	Do.
Suffolk	A. T. Davis, M. D.	Riverhead	Do.
Westchester	M. Nicoll, Jr., M. D.	White Plains	Do.

State and county	Name of health officer	Post office	Official title
New York—Continued.			
Albany District	D. M. Griswold, M. D., D. P. H.	Albany	District health officer.
Albany.			
Greene.			
Rensselaer.			
Schenectady.			
Amsterdam District	J. E. Perkins, M. D., D. P. H.	Amsterdam	Do.
Fulton.			
Montgomery.			
Binghamton District	H. L. Chant, M. D., C. P. H.	Binghamton	Do.
Broome.			
Chenango.			
Tioga.			
Buffalo District	A. S. Dean, M. D., D. P. H.	Buffalo	Do.
Chautauqua.			
Erie.			
Genesee.			
Niagara.			
Orleans.			
Wyoming.			
Glens Falls District	B. Diefendorf, M. D.	Glens Falls	Do.
Saratoga.			
Warren.			
Washington.			
Gouverneur District	S. W. Sayer, M. D.	Gouverneur	Do.
Jefferson.			
Lewis.			
St. Lawrence.			
Hornell District	J. A. Conway, M. D.	Hornell	Do.
Allegany.			
Chemung.			
Steuben.			
Ithaca District	V. A. VanVolkenburgh, M. D., D. P. H.	Ithaca	Do.
Schuyler.			
Tompkins.			
Middletown District	F. W. Laidlaw, M. D.	Middletown	Do.
Orange.			
Rockland.			
Sullivan.			
Ulster.			
New York City District.	M. D. Dickinson, M. D.	New York City	Do.
Nassau.			
Oneonta District	R. D. Champlin, M. D., C. P. H.	Oneonta	Do.
Delaware.			
Otsego.			
Schoharie.			
Oswego District	C. R. Hervey, M. D.	Oswego	Do.
Oswego.			
Wayne.			
Poughkeepsie District	B. E. Roberts, M. D.	Poughkeepsie	Do.
Dutchess.			
Putnam.			
Rochester District	E. L. Stebbins, M. D., C. P. H.	Rochester	Do.
Livingston.			
Monroe.			
Ontario.			
Yates.			
Saranac Lake District	A. H. Cummings, M. D., C. P. H.	Saranac Lake	Do.
Clinton.			
Essex.			
Franklin.			
Hamilton.			
Syracuse District	P. J. Rafle, M. D., C. P. H.	Syracuse	Do.
Cayuga.			
Onondaga.			
Seneca.			
Utica District	H. J. Ball, M. D.	Utica	Do.
Herkimer.			
Madison.			
Oneida.			
North Carolina:			
Beaufort	David Emerson Ford, M. D.	Washington	County health officer.
Bertie	Frank H. Garriss, M. D.	Windsor	Do.
Bladen	Robert S. Cromartie	Elizabethtown	Do.
Buncombe	Howard L. Sumner, M. D.	Asheville	Do.
Cabarrus	Daniel G. Caldwell, M. D.	Concord	Do.
Columbus	Floyd Johnson, M. D.	Whiteville	Do.
Craven	John S. Anderson, M. D.	New Bern	Do.
Cumberland	Malcolm Tennyson Foster, M. D.	Fayetteville	Do.
Davidson	Grover Cleveland Gambrell, M. D.	Lexington	Do.
Duplin	Ransom Lee Carr, M. D.	Kenansville	Do.

State and county	Name of health officer	Post office	Official title
North Carolina—Con.			
Durham	J. H. Epperson, M. S.	Durham	County health officer.
Edgecombe	Lorenzo Lynn Parks, M. D.	Tarboro	Do.
Franklin	Richard F. Yarborough, M. D.	Louisburg	Do.
Gaston	Robert Edgar Rhyne, M. D.	Gastonia	Do.
Granville	Joseph A. Morris, M. D.	Oxford	Do.
Guilford	Roderick Mark Buie, M. D.	Greensboro	Do.
Halifax	Robert Sherwood McGeachy, M. D.	Weldon	Do.
Harnett	William Blair Hunter, M. D.	Lillington	Do.
Hertford	Thomas G. Faison, M. D.	Winton	Do.
Lenoir	Zebulon Vance Moseley, M. D.	Kinston	Do.
Mecklenburg	Edgar Hall Hand, M. D.	Charlotte	Do.
Moore	John Symington, M. D.	Carthage	Do.
New Hanover	Avon Hall Elliot, M. D.	Wilmington	Do.
Northampton	Marion Henry Seawell, M. D.	Jackson	Do.
Pitt	N. Thomas Ennett, M. D.	Greenville	Do.
Randolph	George Herbert Sumner, M. D.	Asheboro	Do.
Richmond	Robert Malcolm Bardin, M. D.	Rockingham	Do.
Robeson	Eugene Ramsey Hardin, M. D.	Lumberton	Do.
Rowan	Charles W. Armstrong, M. D.	Salisbury	Do.
Rutherford	Howard C. Whims, M. D.	Rutherfordton	Do.
Sampson	Wyman Plato Starling, M. D.	Clinton	Do.
Surry	Ralph J. Sykes, M. D.	Mount Airy	Do.
Vance	Alfred D. Gregg, M. D.	Henderson	Do.
Wake	Alexander C. Bulla, M. D.	Raleigh	Do.
Wayne	Samuel B. McPheeters, M. D.	Goldsboro	Do.
Wilkes	Albert J. Eller, M. D.	Wilkesboro	Do.
Wilson	Wade Hampton Anderson, M. D.	Wilson	Do.
Districts:			
Avery - Watauga - Yancey.	Clarence Hunt White, M. D.	Burnsville	District health officer.
	Robert R. King, M. D.	Boone	Assistant district health officer.
Forsyth - Stokes - Yadkin.	John Roy Hege, M. D.	Winston-Salem	District health officer.
Haywood-Jackson-Swain-Macon-Graham.	Crete Nixon Sisk, M. D.	Waynesville	Do.
	Zack Perry Mitchell, M. D.	Bryson City	Assistant district health officer.
	Harry Miller, M. D.	Franklin	Do.
Orange-Person	William P. Richardson, M.D.	Chapel Hill	District health officer.
	Sigma Van Lewis, M.D.	Roxboro	Assistant district health officer.
Ohio:			
Athens	J. M. Higgins, M. D.	Athens	Health commissioner.
Belmont	A. J. Martin, M. D.	St. Clairsville	Do.
Brown	W. L. Faul, M. D.	Georgetown	Do.
Butler	C. J. Baldridge, M. D.	Hamilton	Do.
Clermont	J. A. Carter, M. D.	Batavia	Do.
Clinton	W. K. Ruble, M. D.	Wilmington	Do.
Crawford	G. T. Wasson, M. D.	Bucyrus	Do.
Cuyahoga	Robert Lockhart, M. D.	Cleveland	Do.
Darke	W. D. Bishop, M. D.	Greenville	Do.
Delaware	B. B. Barber, M. D.	Delaware	Do.
Erie	F. M. Houghtaling, M. D.	Sandusky	Do.
Fairfield	W. R. Coleman, M. D.	Lancaster	Do.
Fayette	James F. Wilson, M. D.	Washington C. H.	Do.
Greene	G. E. Savage, M. D.	Xenia	Do.
Guernsey	D. L. Cowden, M. D.	Cambridge	Do.
Hamilton	E. H. Schoenling, M. D.	Cincinnati	Do.
Hancock	S. F. Whisler, M. D.	Findlay	Do.
Hocking	W. B. Lacock, M. D.	Logan	Do.
Huron	B. C. Pilkey, M. D.	Norwalk	Do.
Jefferson	J. P. Young, M. D.	Steubenville	Do.
Lorain	F. R. Dew, M. D.	Oberlin	Do.
Lucas	T. W. Mahoney, M. D.	Toledo	Do.
Madison	Robert Trimble, M. D.	London	Do.
Mahoning	G. Y. Davis, M. D.	Youngstown	Do.
Marion	N. Sifritt, M. D.	Marion	Do.
Medina	V. L. Hartman, M. D.	Medina	Do.
Meigs	W. S. Ellis, M. D.	Pomeroy	Do.
Mercer	F. E. Ayers, M. D.	Celina	Do.
Miami	E. R. Hiatt, M. D.	Troy	Do.
Montgomery	H. H. Pansing, M. D.	Dayton	Do.
Morrow	R. L. Pierce, M. D.	Mt. Gilead	Do.
Muskingum	Beatrice Hagen, M. D.	Zanesville	Do.
Perry	F. J. Crosbie, M. D.	New Lexington	Do.
Pickaway	V. D. Kerns, M. D.	Circleville	Do.
Preble	J. I. Nisbet, M. D.	Eaton	Do.

State and county	Name of health officer	Post office	Official title
Ohio—Continued.			
Richland	M. C. Hanson, M. D.	Mansfield	Health commissioner.
Ross	R. E. Bower, M. D.	Chillicothe	Do.
Seneca	D. W. Fellers, M. D.	Tiffin	Do.
Shelby	Paul C. Bratten, M. D.	Sidney	Do.
Stark	Floyd R. Stamp, M. D.	Canton	Do.
Summit	R. H. Markwith, M. D.	Akron	Do.
Trumbull	L. A. Connell, M. D.	Warren	Do.
Union	H. G. Southard, M. D.	Marysville	Do.
Vinton	W. B. Lacock, M. D.	McArthur	Do.
Washington	Alfred G. Sturgiss, M. D.	Marietta	Do.
Wayne	J. J. Sutter, M. D.	Wooster	Do.
Wood	H. J. Powell, M. D.	Bowling Green	Do.
Wyandot	L. W. Naus, M. D.	Upper Sandusky	Do.
Oklahoma:			
Carter	R. M. Parish, M. D.	Ardmore	Director.
Cleveland	Guy H. Williams, M. D.	Norman	Do.
Kingfisher	A. O. Meredith, M. D.	Kingfisher	Do.
LeFlore	R. L. Wright, M. D.	Poteau	Do.
McCurtain	R. D. Williams, M. D.	Idabel	Do.
Oklahoma	Albert Cates, M. D.	Oklahoma City	Do.
Payne	J. F. Hackler, M. D.	Stillwater	Do.
Pittsburg	Ernest Thomas, M. D.	McAlester	Do.
Seminole	George Hunter, M. D.	Seminole	Do.
District No. 1	Grady F. Matthews, M. D.	Tahlequah	Do.
Adair.			
Cherokee.			
Delaware.			
Mayes.			
Sequoyah.			
District No. 2	Johnny A. Blue, M. D.	Guymon	Do.
Beaver.			
Cimarron.			
Harper.			
Texas.			
Oregon:			
Clackamas	Courtney Smith, M. D.	Oregon City	County health officer.
Douglas	J. E. Campbell, M. D.	Roseburg	Do.
Jackson	C. I. Drummond, M. D.	Medford	Do.
Josephine	S. L. Osgood, M. D.	Grants Pass	Do.
Klamath	Neil Black, M. D.	Klamath Falls	Do.
Lane	E. L. Gardner, M. D.	Eugene	Do.
Marion	Vernon Douglass, M. D.	Salem	Do.
Multnomah	Harry R. Cliff, M. D.	Portland	Do.
Washington	D. C. McDonald, M. D.	Hillsboro	Do.
Rhode Island:			
Districts:			
Bristol-Newport	Joseph Castronovo, M. D.	Bristol	District health officer.
South	Raymond F. McAteer, M. D.	Peace Dale	Do.
Woonsocket-Kent	James P. O'Brien, M. D.	Woonsocket	Do.
South Carolina:			
Aiken	J. T. Hair, M. D.	Aiken	Health director.
Anderson	Goodman Bare, M. D.	Anderson	Do.
Beaufort	C. T. Larisey, M. D.	Beaufort	Do.
Berkeley	W. K. Fishburne, M. D.	Moncks Corner	Do.
Charleston	Leon Banov, M. D.	Charleston	Do.
Cherokee	G. R. Westrope, M. D.	Gaffney	Do.
Colleton	C. L. Guyton, M. D.	Walterboro	Do.
Darlington	W. A. Carrigan, M. D.	Darlington	Do.
Dorchester	B. M. Montgomery, M. D.	St. George	Do.
Fairfield	J. L. Bryson, M. D.	Winnsboro	Do.
Florence	J. R. Claussen, M. D.	Florence	Do.
Greenville	Baylis Earle, M. D.	Greenville	Do.
Greenwood	J. E. Brodie, M. D.	Greenwood	Do.
Horry	P. H. Edwards, M. D.	Conway	Do.
Kershaw	A. W. Humphries, M. D.	Camden	Do.
Marlboro	J. Y. O'Daniel, M. D.	Bennettsville	Do.
Newberry	Clause Sease, M. D.	Newberry	Do.
Oconee	W. B. Furman, M. D.	Pickens	Do.
Orangeburg	G. C. Bolin, M. D.	Orangeburg	Do.
Pickens	W. B. Furman, M. D.	Pickens	Do.
Richland	E. P. White, M. D.	Columbia	Do.
Spartanburg	J. M. Beeler, M. D.	Spartanburg	Do.
Districts:			
Abbeville-Laurens-Union.	R. M. Street, M. D.	Laurens	Do.
Allendale-Bamberg-Barnwell.	L. T. Claytor, M. D.	Barnwell	Do.
Calhoun-Lexington	F. L. Geiger, M. D.	St. Matthews	Do.
Chester-York	W. B. Jones, M. D.	Chester	Do.
Chesterfield - Lancaster.	A. J. Cauthen, M. D.	Lancaster	Do.

State and county	Name of health officer	Post office	Official title
South Carolina—Con.			
Districts—Continued.			
Clarendon - Lee-Sumter.	G. H. Zerbst, M. D.	Sumter	Health director.
Dillon-Marion	C. A. Henderson, M. D.	Dillon	Do.
Edgefield - McCormick-Saluda.	O. D. Garvin, M. D.	Edgefield	Do.
Georgetown - Williamsburg.	J. H. Pearce, M. D.	Georgetown	Do.
Hampton-Jasper	L. T. Claytor, M. D.	Barnwell	Do.
	C. T. Larisey, M. D.	Ridgeland	Do.
South Dakota:			
Charles Mix	P. R. Pinard, M. D.	Wagner	Director.
Hutchinson	R. H. Payne, M. D.	Tripp	Do.
Union	Wm. F. Bushnell, M. D.	Elk Point	Do.
District	K. W. Navin, M. D.	Philip	Do.
Bennett.			
Haakon.			
Jones.			
Washabaugh.			
Tennessee:			
Blount	A. E. Hardison, M. D.	Maryville	Do.
Bradley	W. Carey Sanford, M. D.	Cleveland	Do.
Davidson	J. J. Lentz, M. D.	Nashville	County health officer.
Gibson	F. L. Roberts, M. D., D. P. H.	Trenton	Director.
Giles	Joseph C. Tatum, M. D.	Pulaski	Do.
Greene	R. S. Cowles, M. D.	Greeneville	Do.
Grundy	U. B. Bowden, M. D.	Pelham	Do.
Hamilton	J. C. Eldridge, M. D.	Chattanooga	Do.
Hardeman	R. L. Cobb, M. D.	Bolivar	Do.
Hardin	J. W. Erwin, M. D.	Savannah	Do.
Humphreys	R. E. Bilbrey, M. D.	Waverly	Do.
Knox	A. G. Hufstedler, M. D.	Knoxville	Do.
Lake	J. P. Moon, M. D.	Tiptonville	Do.
Lauderdale	R. B. Griffin, M. D.	Ripley	Do.
Lincoln	M. F. Brown, M. D.	Fayetteville	Do.
Maury	H. C. Busby, M. D., C. P. H.	Columbia	Do.
Monroe	David M. Cowgill, M. D., C. P. H.	Madisonville	Do.
Montgomery	F. J. Malone, M. D.	Clarksville	Do.
Obion	W. B. Harrison, M. D.	Union City	Do.
Roane	J. C. Fly, M. D.	Kingston	Do.
Rutherford	J. B. Black, M. D., C. P. H.	Murfreesboro	Do.
Sevier	H. A. Sauberli, M. D.	Sevierville	Do.
Shelby	W. P. Moore, M. D.	Memphis	Do.
Sullivan	F. L. Moore, M. D., C. P. H.	Blountville	Do.
Sumner	W. M. Dedman, M. D.	Gallatin	Do.
Tipton	A. J. Butler, M. D.	Covington	Do.
Washington	W. L. Poole, M. D., C. P. H.	Jonesboro	Do.
Weakley	M. D. Ingram, M. D.	Dresden	Do.
Williamson	Don C. Peterson, M. D., C. P. H.	Franklin	Do.
Wilson	B. W. Patton, M. D.	Lebanon	Do.
Districts:			
Anderson-Campbell	H. S. Rule, M. D.	Clinton	Do.
Bledsoe-Sequatchie	H. M. Roberson, M. D.	Pikeville	Do.
Carter-Unicoi	F. M. Foote, M. D., D. P. H.	Elizabethton	Do.
Claiborne-Grainger-Hancock.	A. B. Shipley, M. D.	Tazewell	Do.
Jackson-Overton-Pickett-Fentress.	F. B. Clark, M. D.	Gainesboro	Assistant director.
Rhea-Meigs	E. N. Haller, M. D.	Dayton	Do.
Texas:			
Bell	E. W. Prothro, M. D.	Temple	Director.
Dallas	Horace E. Duncan, M. D., C. P. H.	Dallas	Do.
El Paso-Hudspeth-Culberson.	J. W. Tappan, M. D.	El Paso	Do.
Gregg	T. B. Wilson, M. D.	Longview	Do.
Hidalgo	D. R. Handley, M. D.	Edinburg	Do.
Limestone	W. B. Summers, M. D.	Mexia	Do.
Nolan	Geo. A. Gray, M. D.	Sweetwater	Do.
Potter	B. M. Primer, M. D., M. P. H.	Amarillo	Do.
Smith	A. E. Hill, M. D.	Tyler	Do.
Tarrant	Burke Brewster, M. D.	Fort Worth	Do.
Winkler	L. T. Cox, M. D.	Kermit	Do.
Utah:			
Davis	Sumner Gleason, M. D.	Kaysville	Do.
Virginia:			
Albemarle	Robert D. Hollowell, M. D., C. P. H.	Charlottesville	Health officer.
Alleghany-Rockbridge.	Robert P. Cooke, M. D.	Lexington	Do.
	James T. Duncan, M. D.	do	Assistant health officer.

State and county	Name of health officer	Post office	Official title
Virginia—Continued.			
Arlington	Temporary vacancy [1]	Arlington	
	John D. Hamner, Jr., M. D.	do	Assistant health officer.
Augusta	John C. Neale, Jr., M. D., C. P. H.	Staunton	Health officer.
	Hugh M. Wallace, M. D.	do	Assistant health officer.
Brunswick-Greensville-Mecklenburg.	Thomas H. Valentine, M. D.	Lawrenceville	Health officer.
Buchanan-Russell-Tazewell.	Charles L. Savage, M. D.	Richlands	Do.
Buckingham-Nottoway-Prince Edward.	William A. Brumfield, M. D.	Farmville	Do.
Dickenson-Lee-Wise	John R. Massie, M. D.	Norton	Do.
Fairfax	Edward M. Holmes, Jr., M. D., C. P. H.	Fairfax	Do.
Halifax	Daniel C. Steelsmith, M. D., C. P. H.	South Boston	Do.
Hanover	Linwood Farley, M. D.	Ashland	Do.
Henrico	Temporary vacancy		
Isle of Wight-Nansemond.	R. Campbell Manson, M. D.	Suffolk	Acting health officer.
Montgomery	Sheldon D. Carey, M. D.	Christiansburg	Health officer.
Norfolk-Princess Anne.	Josiah Leake, M. D.	Portsmouth	Do.
Northampton	Hugh B. Magill, Jr., M. D.	Eastville	Do.
Pittsylvania	William H. Walcott, M. D.	Chatham	Do.
Pulaski	Harold M. Kelso, M. D.	Pulaski	Do.
Southampton	Peter P. Causey, M. D.	Courtland	Do.
Sussex	John H. Bonner, M. D.	Stony Creek	Do.
Washington	Mack I. Shanholtz, M. D.	Bristol	Do.
Wythe	Joseph L. Hundley, M. D.	Wytheville	Do.
Peninsula Health District.	Jack B. Porterfield, M. D.	Williamsburg	Do.
Elizabeth City.			
James City.			
Warwick.			
York.			
Valley Health District.	Shockley D. Gardner, M. D.	Luray	Do.
Greene.			
Madison.			
Page.			
Rappahannock.			
Rockingham.			
Shenandoah.			
Warren.			
Washington:			
Chelan	C. R. Fargher, M. D.	Wenatchee	County health officer.
Clallam	Leland Powers, M. D.	Port Angeles	Do.
Clark	J. A. Kahl, M. D.	Vancouver	Do.
King	Wallace D. Hunt, M. D.	Seattle	Do.
Spokane	A. E. Lien, M. D.	Spokane	Do.
Thurston	Sanford Lehman, M. D.	Olympia	Do.
Yakima	Lloyd Moffitt, M. D.	Yakima	Do.
West Virginia:			
Berkeley	C. A. Thomas, M. D.	Martinsburg	Health officer.
Boone	R. L. Hunter, M. D.	Madison	Do.
Brooke	W. T. Booher, M. D.	Wellsburg	Do.
Fayette	C. E. Watkins, M. D.	Fayetteville	Do.
Hancock	Thomas H. Bruce, M. D.	New Cumberland	Acting health officer.
Harrison	A. J. Kemper, M. D.	Clarksburg	Health officer.
Kanawha	Leo Mynes, M. D.	Charleston	Acting health officer.
Logan	T. J. Farley, M. D.	Logan	Health officer.
Marshall	W. G. C. Hill, M. D.	Moundsville	Do.
Monongalia	Rex A. Burdette, M. D.	Morgantown	Do.
Ohio	Reece M. Pedicord, M. D.	Wheeling	City-county health officer.
Preston	C. Y. Moser, M. D.	Kingwood	Health officer.
Raleigh	W. W. Hume, M. D.	Beckley	Do.
Wood	A. D. Knott, D. P. H.	Parkersburg	Do.
Wetzel	Edwin Cameron, M. D.	New Martinsville	Do.
Wisconsin:			
Dane	E. F. Hoffman, M. D.	Madison	Medical director, county sanitary unit.
Marathon	H. H. Fechtner, M. D.	Wausau	Do.
District No. 1	G. W. Henika, M. D.	Madison	District health officer.
Columbia.			
Crawford.			
Grant.			
Green.			
Iowa.			
LaFayette.			
Richland.			
Sauk.			

[1] Dr. Earle G. Brown appointed health officer in April 1937.

State and county	Name of health officer	Post office	Official title
Wisconsin—Continued.			
District No. 2	George E. Hoyt, M. D.	Elkhorn	District health office.
Jefferson.			
Kenosha.			
Milwaukee.			
Racine.			
Rock.			
Walworth.			
Waukesha.			
District No. 3	V. A. Gudex, M. D.	Fond du Lac	Do.
Calumet.			
Dodge.			
Fond du Lac.			
Manitowoc.			
Ozaukee.			
Sheboygan.			
Washington.			
Winnebago.			
District No. 4	E. H. Jorris, M. D.	Mauston	Do.
Adams.			
Green Lake.			
Juneau.			
La Crosse.			
Marquette.			
Monroe.			
Vernon.			
Waushara.			
District No. 5	L. M. Morse, M. D.	Neillsville	Do.
Buffalo.			
Clark.			
Jackson.			
Pepin.			
Portage.			
Trempeleau.			
Wood.			
District No. 6	Allan Filek, M. D.	Green Bay	Do.
Brown.			
Door.			
Kewaunee.			
Marinette.			
Oconto.			
Outagamie.			
Shawano.			
Waupaca.			
District No. 7	F. P. Daly, M. D.	Chippewa Falls	Do.
Barron.			
Chippewa.			
Dunn.			
Pierce.			
Polk.			
Rusk.			
St. Croix.			
District No. 8	R. L. Frisbie, M. D.	Rhinelander	Do.
Florence.			
Forest.			
Langlade.			
Lincoln.			
Oneida.			
Price.			
Taylor.			
Vilas.			
District No. 9	John W. Lowe, M. D.	Ashland	Do.
Ashland.			
Bayfield.			
Burnett.			
Douglas.			
Iron.			
Sawyer.			
Washburn.			

DEATHS DURING WEEK ENDED OCT. 30, 1937

[From the Weekly Health Index, issued by the Bureau of the Census, Department of Commerce]

	Week ended Oct. 30, 1937	Corresponding week, 1936
Data from 86 large cities of the United States:		
Total deaths	8,129	7,938
Average for 3 prior years	7,807	
Total deaths, first 43 weeks of year	370,830	370,255
Deaths under 1 year of age	510	521
Average for 3 prior years	550	
Deaths under 1 year of age, first 43 weeks of year	23,828	23,946
Data from industrial insurance companies:		
Policies in force	69,848,865	68,485,845
Number of death claims	12,266	11,908
Death claims per 1,000 policies in force, annual rate	9.2	9.1
Death claims per 1,000 policies, first 43 weeks of year, annual rate	9.8	9.8

PREVALENCE OF DISEASE

No health department, State or local, can effectively prevent or control disease without knowledge of when, where, and under what conditions cases are occurring

UNITED STATES

CURRENT WEEKLY STATE REPORTS

These reports are preliminary, and the figures are subject to change when later returns are received by the State health officers.

In these and the following tables a zero (0) is to be interpreted to mean that no cases or deaths occurred, while leaders (------) indicate that cases or deaths may have occurred, although none was reported.

Cases of certain communicable diseases reported by telegraph by State health officers for weeks ended Nov. 6, 1937, and Nov. 7, 1936

Division and State	Diphtheria		Influenza		Measles		Meningococcus meningitis	
	Week ended Nov. 6, 1937	Week ended Nov. 7, 1936	Week ended Nov. 6, 1937	Week ended Nov. 7, 1936	Week ended Nov. 6, 1937	Week ended Nov. 7, 1936	Week ended Nov. 6, 1937	Week ended Nov. 7, 1936
New England States:								
Maine	1	4	3	--------	37	12	0	0
New Hampshire	--------	--------	--------	--------	45	3	0	0
Vermont	--------	--------	--------	--------	39	1	0	0
Massachusetts	3	2	--------	--------	59	60	0	2
Rhode Island	3	--------	--------	--------	2	155	0	0
Connecticut	4	3	1	3	4	36	0	0
Middle Atlantic States:								
New York	28	22	[1] 16	[1] 8	77	139	7	9
New Jersey	11	16	15	18	155	48	0	2
Pennsylvania	34	28	--------	--------	675	18	6	6
East North Central States:								
Ohio	48	28	2	6	160	10	8	2
Indiana	42	14	36	10	10	7	1	1
Illinois	41	32	15	13	300	14	2	3
Michigan	22	15	--------	1	50	15	1	3
Wisconsin	2	5	27	24	32	16	0	0
West North Central States:								
Minnesota	12	48	--------	1	3	19	0	0
Iowa	5	11	--------	1	2	--------	0	0
Missouri	39	20	17	49	293	2	3	2
North Dakota	4	1	--------	--------	--------	--------	1	0
South Dakota	3	--------	--------	--------	--------	1	0	0
Nebraska	7	--------	13	--------	1	1	0	0
Kansas	14	21	6	--------	22	3	4	0
South Atlantic States:								
Delaware	1	1	--------	--------	--------	3	0	1
Maryland [2]	10	14	1	8	6	10	1	4
District of Columbia	5	15	--------	3	8	5	1	5
Virginia	63	54	--------	--------	28	8	8	3
West Virginia	47	51	8	16	15	10	3	0
North Carolina [3]	117	163	--------	5	174	7	6	3
South Carolina [4]	16	22	163	194	37	--------	0	0
Georgia [3]	42	44	--------	--------	--------	--------	1	0
Florida [3 4]	46	12	10	--------	22	--------	0	0

See footnotes at end of table.

***Cases of certain communicable diseases reported by telegraph by State health officers for weeks ended Nov. 6, 1937, and Nov. 7, 1936*—Continued**

Division and State	Diphtheria		Influenza		Measles		Meningococcus meningitis	
	Week ended Nov. 6, 1937	Week ended Nov. 7, 1936	Week ended Nov. 6, 1937	Week ended Nov. 7, 1936	Week ended Nov. 6, 1937	Week ended Nov. 7, 1936	Week ended Nov. 6, 1937	Week ended Nov. 7, 1936
East South Central States:								
Kentucky	33	31	9	10	29	36	4	6
Tennessee	21	36	66	30	72	1	2	3
Alabama [3]	41	55	91	52	5	--------	3	0
Mississippi [2 3]	20	17	--------	--------	--------	--------	0	1
West South Central States:								
Arkansas	31	8	26	17	4	--------	1	0
Louisiana	27	29	5	36	1	2	0	1
Oklahoma [3]	38	8	22	46	1	--------	1	2
Texas [3]	58	36	203	60	18	22	0	1
Mountain States:								
Montana	--------	--------	3	11	13	1	1	0
Idaho	2	2	2	3	2	56	0	0
Wyoming	--------	2	--------	--------	1	5	0	1
Colorado	3	8	--------	--------	31	1	0	0
New Mexico	4	2	--------	--------	29	4	0	0
Arizona	2	2	36	43	--------	38	0	0
Utah [3]	105	1	--------	--------	17	12	1	3
Pacific States:								
Washington	1	4	--------	3	25	24	0	1
Oregon	5	1	29	19	9	1	0	0
California	24	53	22	27	39	22	1	2
Total	1,085	941	847	717	2,547	828	62	67
First 44 weeks of year	21,661	22,185	280,241	145,119	253,534	272,132	4,794	6,546

Division and State	Poliomyelitis		Scarlet fever		Smallpox		Typhoid and paratyphoid fevers		Whooping cough
	Week ended Nov. 6, 1937	Week ended Nov. 7, 1936	Week ended Nov. 6, 1937	Week ended Nov. 7, 1936	Week ended Nov. 6, 1937	Week ended Nov. 7, 1936	Week ended Nov. 6, 1937	Week ended Nov. 7, 1936	Week ended Nov. 6, 1937
New England States:									
Maine	1	0	11	17	0	0	4	3	78
New Hampshire	0	0	6	11	0	0	0	0	11
Vermont	0	0	9	4	0	0	0	0	15
Massachusetts	1	0	129	123	0	0	4	4	91
Rhode Island	0	0	15	12	0	0	1	0	23
Connecticut	5	0	39	50	0	0	0	0	29
Middle Atlantic States:									
New York	10	6	241	321	0	0	12	14	318
New Jersey	6	1	61	39	0	0	4	4	80
Pennsylvania	3	7	337	213	0	0	15	20	--------
East North Central States:									
Ohio	2	9	316	251	0	0	15	27	142
Indiana	2	3	152	71	11	3	10	1	27
Illinois	18	25	325	274	16	1	16	23	88
Michigan	1	4	296	190	1	1	4	14	--------
Wisconsin	7	1	119	210	6	2	1	2	182
West North Central States:									
Minnesota	10	1	101	99	3	1	0	0	49
Iowa	15	3	129	66	31	6	1	5	59
Missouri	3	5	242	61	7	0	12	7	81
North Dakota	1	0	42	43	60	5	2	2	31
South Dakota	1	1	21	31	7	0	1	2	19
Nebraska	7	1	34	3	0	0	2	0	17
Kansas	2	6	120	121	2	2	2	6	38
South Atlantic States:									
Delaware	0	0	6	3	0	0	2	3	2
Maryland [3]	0	1	68	66	0	0	10	8	65
District of Columbia	0	0	10	6	0	0	1	1	3
Virginia	1	2	52	53	0	0	9	19	59
West Virginia	0	6	107	78	0	0	9	7	82

See footnotes at end of table.

Cases of certain communicable diseases reported by telegraph by State health officers for weeks ended Nov. 6, 1937, and Nov. 7, 1936—Continued

Division and State	Poliomyelitis		Scarlet fever		Smallpox		Typhoid and paratyphoid fevers		Whooping cough
	Week ended Nov. 6, 1937	Week ended Nov. 7, 1936	Week ended Nov. 6, 1937	Week ended Nov. 7, 1936	Week ended Nov. 6, 1937	Week ended Nov. 7, 1936	Week ended Nov. 6, 1937	Week ended Nov. 7, 1936	Week ended Nov. 6, 1937
South Atlantic States—Con.									
North Carolina [3]	2	1	77	81	0	0	24	4	120
South Carolina [3]	0	0	2	27	0	0	2	2	32
Georgia [3]	1	4	32	27	0	0	11	12	10
Florida [3] [4]	1	2	14	6	0	0	1	1	3
East South Central States:									
Kentucky	0	1	43	64	0	0	13	20	111
Tennessee	4	2	49	37	5	0	11	16	31
Alabama [3]	0	2	26	21	0	0	5	6	16
Mississippi [2] [3]	5	3	19	22	1	0	6	8	-------
West South Central States:									
Arkansas	1	8	24	8	1	0	16	4	13
Louisiana	4	0	11	16	0	0	7	8	10
Oklahoma [5]	2	31	81	15	1	7	16	18	32
Texas [3]	3	2	107	22	3	1	42	19	86
Mountain States:									
Montana	0	0	16	40	20	5	1	2	16
Idaho	0	0	24	38	4	0	1	2	2
Wyoming	0	0	8	32	10	3	2	0	18
Colorado	1	10	35	42	0	0	5	0	12
New Mexico	2	0	11	25	0	0	5	10	26
Arizona	0	1	6	6	0	0	2	1	-------
Utah [2]	1	0	51	22	1	1	1	0	17
Pacific States:									
Washington	1	2	17	28	6	0	3	4	52
Oregon	2	3	21	32	3	1	0	5	23
California	24	11	130	180	0	2	7	14	208
Total	150	165	3,792	3,207	199	41	318	328	2,377
First 44 weeks of year	9,003	3,894	187,431	198,785	8,861	6,368	13,609	12,920	-------

[1] New York City only.
[2] Week ended earlier than Saturday.
[3] Typhus fever, week ended Nov. 6, 1937, 38 cases, as follows: North Carolina, 1; South Carolina, 4; Georgia, 18; Florida, 1; Alabama, 4; Mississippi, 1; Texas, 9.
[4] Dengue, week ended Nov. 6, 1937, Florida, 1 case.
[5] Figures for 1936 are exclusive of Oklahoma City and Tulsa.

SUMMARY OF MONTHLY REPORTS FROM STATES

The following summary of cases reported monthly by States is published weekly and covers only those States from which reports are received during the current week:

State	Meningococcus meningitis	Diphtheria	Influenza	Malaria	Measles	Pellagra	Poliomyelitis	Scarlet fever	Smallpox	Typhoid fever
June 1937										
Missouri	5	45	117	98	319	2	4	520	67	35
July 1937										
Maryland	10	24	4	-------	92	-------	8	43	0	62
North Dakota	2	1	5	-------	4	-------	0	24	37	8
August 1937										
Missouri	3	50	123	305	85	1	82	157	19	134
October 1937										
Connecticut	3	24	10	2	16	-------	23	123	0	7
Delaware	0	6	-------	-------	2	-------	0	29	0	1
District of Columbia	6	33	3	-------	8	1	5	38	0	6
Missouri	7	214	162	143	399	1	71	769	28	128

June 1937

	Cases
Missouri:	
Chicken pox	108
Dysentery	56
Encephalitis, epidemic or lethargic	1
Mumps	123
Rabies in animals	6
Septic sore throat	27
Trachoma	52
Tularaemia	5
Whooping cough	677

July 1937

Maryland:	
Chicken pox	38
Diarrhea	65
Dysentery (bacillary)	40
Encephalitis, epidemic or lethargic	2
German measles	8
Impetigo contagiosa	10
Lead poisoning	1
Mumps	42
Ophthalmia neonatorum	3
Paratyphoid fever	1
Rocky Mountain spotted fever	12
Septic sore throat	6
Tetanus	1
Typhus fever	3
Undulant fever	1
Whooping cough	592

July 1937—Continued

	Cases
North Dakota:	
Chicken pox	50
Mumps	1
Rocky Mountain spotted fever	1
Whooping cough	180

August 1937

Missouri:	
Chicken pox	15
Dysentery	71
Encephalitis	52
Mumps	24
Rabies in animals	6
Septic sore throat	35
Tetanus	1
Trachoma	17
Undulant fever	9
Whooping cough	257

October 1937

Chicken pox:	
Connecticut	156
Delaware	5
District of Columbia	12
Missouri	98
Dysentery:	
Connecticut (bacillary)	25
Missouri	27
Encephalitis, epidemic or lethargic:	
Connecticut	1
Missouri	34

October 1937—Continued

	Cases
German measles:	
Connecticut	10
Lead poisoning:	
Connecticut	2
Mumps:	
Connecticut	153
Delaware	48
Missouri	36
Ophthalmia neonatorum:	
Connecticut	3
Delaware	1
Paratyphoid fever:	
Connecticut	4
Rabies in animals:	
Missouri	13
Septic sore throat:	
Connecticut	14
Missouri	69
Tetanus:	
Connecticut	1
Trachoma:	
Missouri	63
Trichinosis:	
Connecticut	5
Tularaemia:	
Missouri	8
Undulant fever:	
Connecticut	5
Missouri	3
Whooping cough:	
Connecticut	75
Delaware	22
District of Columbia	19
Missouri	279

PLAGUE INFECTION IN FRESNO COUNTY, CALIF.

Under date of November 5, 1937, Dr. W. M. Dickie, Director of Public Health of California, reported plague infection proved by animal inoculation in a pool of 14 fleas taken from 46 golden mantled squirrels collected on September 30 in the Cedar Crest area, 2 miles west of Lake Shore, Huntington Lake, Fresno County, Calif.

WEEKY REPORTS FROM CITIES

City reports for week ended Oct. 30, 1937

This table summarizes the reports received weekly from a selected list of 140 cities for the purpose of showing a cross section of the current urban incidence of the communicable diseases listed in the table. Weekly reports are received from about 700 cities, from which the data are tabulated and filed for reference.

State and city	Diphtheria cases	Influenza		Measles cases	Pneumonia deaths	Scarlet fever cases	Smallpox cases	Tuberculosis deaths	Typhoid fever cases	Whooping cough cases	Deaths, all causes
		Cases	Deaths								
Data for 90 cities:											
5-year average	300	141	32	223	479	946	7	355	53	786	-------
Current week	172	73	30	620	487	765	4	313	40	721	-------
Maine:											
Portland	0	------	0	0	2	0	0	0	0	10	19
New Hampshire:											
Concord	0	------	0	2	1	0	0	0	0	0	7
Manchester	1	------	0	0	1	0	0	0	0	0	17
Nashua	0	------	0	0	0	0	0	0	0	7	4
Vermont:											
Barre	0	------	0	18	0	0	0	0	2	0	1
Burlington	0	------	0	0	0	0	0	0	0	0	9
Rutland	0	------	0	7	0	1	0	0	0	1	7
Massachusetts:											
Boston	0	------	1	24	21	34	0	6	0	7	223
Fall River	0	------	0	0	0	0	0	0	0	16	24
Springfield	0	------	0	0	1	1	0	0	0	4	31
Worcester	0	------	0	0	4	3	0	2	0	3	52

City reports for week ended Oct. 30, 1937—Continued

State and city	Diphtheria cases	Influenza		Measles cases	Pneumonia deaths	Scarlet fever cases	Smallpox cases	Tuberculosis deaths	Typhoid fever cases	Whooping cough cases	Deaths, all causes
		Cases	Deaths								
Rhode Island:											
Pawtucket	0	------	0	0	0	1	0	0	0	0	21
Providence	0	------	1	2	5	5	0	2	0	14	66
Connecticut:											
Bridgeport	1	1	0	0	3	3	0	1	1	0	33
Hartford	0	------	0	1	2	4	0	2	1	3	38
New Haven	0	------	0	0	1	1	0	0	0	1	28
New York:											
Buffalo	0	------	0	0	9	6	0	3	0	15	154
New York	29	7	3	25	102	49	0	66	2	101	1,309
Rochester	0	1	0	0	3	0	0	1	1	5	72
Syracuse	0	------	0	4	7	27	0	1	0	11	52
New Jersey:											
Camden	0	------	0	0	0	2	0	1	2	0	33
Newark	0	------	0	3	8	5	0	2	0	20	96
Trenton	0	------	0	84	5	0	0	1	0	2	23
Pennsylvania:											
Philadelphia	2	1	0	11	23	42	0	19	6	28	454
Pittsburgh	4	------	2	91	9	29	0	7	0	18	148
Reading	0	------	1	0	1	3	0	0	0	0	28
Scranton	0	------	--------	2	-------	0	0	-------	0	1	--------
Ohio:											
Cincinnati	4	------	1	0	3	5	0	9	1	8	129
Cleveland	1	3	0	51	16	25	0	6	0	18	192
Columbus	4	------	0	0	7	9	0	2	0	1	66
Toledo	0	1	0	3	5	15	0	3	1	6	70
Indiana:											
Anderson	0	------	0	0	0	6	0	0	0	1	13
Fort Wayne	0	------	0	0	4	2	0	0	0	0	22
Indianapolis	4	------	0	3	9	26	0	4	0	10	98
Muncie	1	------	0	0	0	2	0	0	0	0	11
South Bend	0	------	0	0	1	1	0	0	0	3	13
Terre Haute	1	------	0	0	0	0	0	0	0	0	20
Illinois:											
Alton	1	------	0	12	0	0	0	0	0	0	12
Chicago	12	------	4	65	47	84	0	42	1	32	702
Elgin	0	------	0	0	0	0	0	0	0	0	4
Moline	0	------	0	0	1	4	0	0	0	2	8
Springfield	0	------	0	0	1	2	0	0	1	3	25
Michigan:											
Detroit	12	1	0	25	15	66	0	13	1	22	247
Flint	4	------	0	2	2	10	1	0	0	5	25
Grand Rapids	0	------	0	1	1	19	0	0	0	6	34
Wisconsin:											
Kenosha	0	------	0	0	0	4	0	0	0	0	4
Madison	0	------	0	1	1	1	0	0	0	0	20
Milwaukee	1	------	0	17	2	8	0	0	0	44	104
Racine	0	------	0	0	0	5	0	0	0	1	9
Superior	0	------	0	0	0	6	0	0	0	0	5
Minnesota:											
Duluth	0	------	0	0	2	3	0	2	0	14	26
Minneapolis	1	------	1	2	3	25	0	2	0	14	107
St. Paul	1	------	0	2	5	5	0	0	1	5	62
Iowa:											
Cedar Rapids	0	------	--------	0	-------	0	0	-------	0	1	--------
Davenport	2	------	--------	0	-------	1	0	-------	0	0	--------
Des Moines	0	------	--------	0	-------	7	0	-------	0	2	34
Sioux City	0	------	--------	0	-------	2	0	-------	0	1	--------
Waterloo	0	------	--------	0	-------	3	0	-------	0	6	--------
Missouri:											
Kansas City	0	------	0	0	6	10	0	4	0	1	110
St. Joseph	0	------	0	0	5	4	0	2	0	1	31
St. Louis	17	------	2	140	5	34	1	3	3	6	209
North Dakota:											
Fargo	0	------	0	0	0	6	0	0	0	13	8
Grand Forks	0	------	--------	0	-------	8	0	-------	0	0	--------
Minot	0	------	0	0	0	1	0	0	0	1	2
South Dakota:											
Aberdeen	1	------	--------	0	-------	0	0	-------	0	0	--------
Sioux Falls	0	------	0	0	0	0	0	0	0	0	9
Nebraska:											
Omaha	0	------	1	1	4	1	0	0	0	1	51
Kansas:											
Lawrence	0	1	0	0	0	0	0	0	0	0	3
Topeka	0	------	1	0	1	2	0	0	0	2	28
Wichita	1	------	0	0	2	6	0	2	0	15	29

City reports for week ended Oct. 30, 1937—Continued

State and city	Diphtheria cases	Influenza		Measles cases	Pneumonia deaths	Scarlet fever cases	Smallpox cases	Tuberculosis deaths	Typhoid fever cases	Whooping cough cases	Deaths, all causes
		Cases	Deaths								
Delaware:											
Wilmington	0	------	0	0	4	3	0	0	0	1	29
Maryland:											
Baltimore	7	4	1	3	18	14	0	13	2	59	214
Cumberland	0	------	0	0	1	1	0	0	0	1	12
Frederick	0	------	0	0	1	0	0	0	0	0	--------
District of Columbia:											
Washington	8	------	0	1	13	14	0	14	1	5	200
Virginia:											
Lynchburg	1	------	1	0	2	3	0	1	0	0	15
Norfolk	0	------	0	2	4	1	0	0	0	0	35
Richmond	1	------	1	0	5	5	0	1	1	0	68
Roanoke	2	------	0	0	2	2	0	0	0	10	22
West Virginia:											
Charleston	1	1	0	0	0	2	0	2	0	0	18
Huntington	0	------	--------	2	------	6	0	------	0	0	--------
Wheeling	0	------	0	1	2	3	0	0	1	13	23
North Carolina:											
Gastonia	2	------	--------	0	------	0	0	------	0	0	--------
Raleigh	0	------	0	1	1	0	0	2	0	8	18
Wilmington	3	------	0	0	0	0	0	0	0	2	14
Winston-Salem	2	------	0	0	1	4	0	0	0	0	9
South Carolina:											
Charleston	2	20	0	0	0	0	0	1	1	0	22
Florence	1	------	0	0	0	0	0	0	0	0	16
Greenville	0	------	0	1	0	1	0	3	0	2	25
Georgia:											
Atlanta	6	12	1	11	11	12	0	0	3	0	87
Brunswick	0	------	0	0	1	0	0	0	0	0	5
Savannah	2	6	0	0	2	0	0	1	0	0	31
Florida:											
Miami	0	5	--------	2	3	2	0	2	1	1	30
Tampa	0	1	1	0	1	1	0	0	0	0	20
Kentucky:											
Ashland	0	------	--------	0	------	3	0	------	0	0	--------
Covington	0	------	--------	0	1	0	0	------	0	0	7
Lexington	0	------	--------	0	2	2	0	2	0	5	21
Louisville	7	------	1	0	5	15	0	7	0	15	84
Tennessee:											
Knoxville	4	1	0	0	7	0	0	1	6	0	35
Memphis	2	------	0	4	3	5	0	1	1	0	72
Nashville	2	------	1	0	5	2	0	1	0	4	36
Alabama:											
Birmingham	3	2	1	0	3	2	0	3	0	0	75
Mobile	1	1	1	0	4	0	0	1	0	0	23
Montgomery	3	------	--------	0	------	0	0	------	0	0	--------
Arkansas:											
Fort Smith	0	------	--------	0	------	2	0	------	0	1	--------
Little Rock	0	------	0	0	0	0	0	0	0	0	--------
Louisiana:											
Lake Charles	0	------	0	0	0	0	0	0	0	0	4
New Orleans	4	2	1	0	8	10	0	10	3	1	140
Shreveport	1	------	0	0	7	2	0	2	0	0	49
Oklahoma:											
Muskogee	0	------	--------	0	------	1	0	------	0	0	--------
Oklahoma City	0	------	1	0	2	3	0	1	0	0	38
Tulsa	1	------	--------	0	------	13	0	------	0	5	--------
Texas:											
Dallas	2	------	0	1	7	21	0	2	0	2	68
Fort Worth	0	------	0	0	4	9	0	1	0	2	26
Galveston	0	------	0	0	0	0	0	0	0	0	18
Houston	9	------	0	0	4	11	0	2	1	1	60
San Antonio	0	------	1	0	2	0	0	9	0	0	52
Montana:											
Billings	0	------	0	0	1	0	0	0	0	0	6
Great Falls	0	------	0	0	0	0	0	0	0	3	6
Helena	0	------	0	0	0	0	0	0	0	7	1
Missoula	0	------	0	0	1	0	0	0	1	0	7
Idaho:											
Boise	0	------	0	0	0	1	0	1	0	0	10
Colorado:											
Colorado Springs	0	------	0	0	0	1	0	0	0	0	7
Denver	5	------	0	13	7	8	0	6	1	3	91
Pueblo	0	------	0	0	0	0	0	1	0	0	8

City reports for week ended Oct. 30, 1937—Continued

State and city	Diphtheria cases	Influenza		Measles cases	Pneumonia deaths	Scarlet fever cases	Smallpox cases	Tuberculosis deaths	Typhoid fever cases	Whooping cough cases	Deaths, all causes
		Cases	Deaths								
New Mexico:											
Albuquerque	0	------	0	1	1	4	0	1	2	0	15
Utah:											
Salt Lake City	1	------	0	0	2	13	0	0	0	2	35
Washington:											
Seattle	0	------	1	2	2	1	0	1	0	5	96
Spokane	0	------	0	5	1	4	0	0	0	3	30
Tacoma	0	------	0	0	0	3	2	1	0	7	27
Oregon:											
Portland	0	1	0	3	5	2	2	2	0	0	60
Salem	0	1	0	2	------	0	0	------	0	0	------
California:											
Los Angeles	5	5	0	3	12	27	0	17	1	37	297
Sacramento	3	1	0	0	0	2	0	0	0	5	24
San Francisco	0	------	1	1	5	7	0	15	0	59	169

State and city	Meningococcus meningitis		Poliomyelitis cases	State and city	Meningococcus meningitis		Poliomyelitis cases
	Cases	Deaths			Cases	Deaths	
Massachusetts:				Missouri:			
Boston	0	2	1	Kansas City	0	0	3
Rhode Island:				St. Joseph	0	0	1
Providence	2	0	0	Nebraska:			
Connecticut:				Omaha	0	0	3
Bridgeport	0	0	1	Maryland:			
New York:				Baltimore	1	1	1
New York	7	3	8	District of Columbia:			
Rochester	0	0	1	Washington	1	1	1
New Jersey:				Virginia:			
Camden	0	0	1	Norfolk	1	0	0
Newark	1	0	0	Roanoke	0	1	0
Pennsylvania:				Kentucky:			
Philadelphia	1	0	3	Ashland	1	0	0
Ohio:				Tennessee:			
Cincinnati	1	0	0	Knoxville	1	0	0
Cleveland	0	1	3	Memphis	0	0	2
Columbus	0	0	2	Alabama:			
Indiana:				Birmingham	1	0	0
Indianapolis	0	0	1	Arkansas:			
Illinois:				Little Rock	0	0	1
Chicago	1	0	2	Louisiana:			
Elgin	0	0	1	Shreveport	0	2	0
Michigan:				Colorado:			
Detroit	0	0	2	Denver	1	0	0
Wisconsin:				Pueblo	0	0	1
Madison	0	0	1	New Mexico:			
Milwaukee	0	0	2	Albuquerque	0	1	0
Racine	0	0	1	Oregon:			
Minnesota:				Portland	1	0	1
St. Paul	0	0	1	California:			
Iowa:				Los Angeles	0		4
Davenport	0	0	1	Sacramento	0	0	1
Waterloo	0	0	2	San Francisco	0	0	2

Encephalitis, epidemic or lethargic.—Cases: Elgin, 1; St. Louis, 10; Sacramento, 1.

Pellagra.—Cases: Washington, 1; Charleston, S. C., 1; Atlanta, 1; Savannah, 4; Memphis, 1; Dallas, 1; Los Angeles, 1.

Typhus fever.—Cases: New York, 1; Atlanta, 1; Montgomery, 1; Galveston, 1; Houston, 2.

FOREIGN AND INSULAR

CANADA

Provinces—Communicable diseases—2 weeks ended October 23, 1937.—During the 2 weeks ended October 23, 1937, cases of certain communicable diseases were reported by the Department of Pensions and National Health of Canada, as follows:

Disease	Prince Edward Island	Nova Scotia	New Brunswick	Quebec	Ontario	Manitoba	Saskatchewan	Alberta	British Columbia	Total
Cerebrospinal meningitis			3	1	1			1		6
Chicken pox		10		123	177	107	75	28	139	659
Diphtheria		3	5	156	15	1	5	3		188
Dysentery				2	8		6			16
Erysipelas				3	3	1	1	3	1	12
Influenza		10			7	2			14	33
Lethargic encephalitis						1				1
Measles		8	1	325	156	14	134	16	300	954
Mumps		8			63	5	1	9	15	101
Paratyphoid fever	2	1			4					7
Pneumonia		1			14		4		17	36
Poliomyelitis		2	12	5	108	13	56	14	2	212
Scarlet fever		34	4	174	156	58	98	41	34	599
Tuberculosis	3	41	21	94	79	23	5		29	295
Typhoid fever		1	13	101	12	4	8	1	5	145
Undulant fever				1	2					3
Whooping cough		12		344	191	103	22		66	738

CUBA

Habana—Communicable diseases—4 weeks ended October 23, 1937.—During the 4 weeks ended October 23, 1937, certain communicable diseases were reported in Habana, Cuba, as follows:

Disease	Cases	Deaths	Disease	Cases	Deaths
Diphtheria	18	2	Tuberculosis	6	1
Dysentery (bacillary)	1		Typhoid fever	[1] 48	1
Leprosy		1	Undulant fever	1	
Malaria	[1] 64	1			

[1] Includes imported cases.

JAMAICA

Communicable diseases—4 weeks ended October 30, 1937.—During the 4 weeks ended October 30, 1937, cases of certain communicable diseases were reported in Kingston, Jamaica, and in the island outside of Kingston, as follows:

Disease	Kingston	Other localities	Disease	Kingston	Other localities
Chicken pox		20	Puerperal fever		3
Dysentery	8	6	Scarlet fever		1
Erysipelas		1	Tuberculosis	34	71
Leprosy		5	Typhoid fever	12	57
Lethargic encephalitis		1			

SWEDEN

Notifiable diseases—September 1937.—During the month of September 1937, cases of certain notifiable diseases were reported in Sweden as follows:

Disease	Cases	Disease	Cases
Diphtheria	22	Poliomyelitis	[1] 506
Dysentery	84	Scarlet fever	1,012
Epidemic encephalitis	5	Syphilis	28
Gonorrhea	1,274	Typhoid fever	10
Meningococcus meningitis	1	Undulant fever	19
Paratyphoid fever	208	Weil's disease	6

[1] Includes 104 cases nonparalytic at time of notification.

YUGOSLAVIA

Notifiable diseases—4 weeks ended October 10, 1937.—During the 4 weeks ended October 10, 1937, certain notifiable diseases were reported in Yugoslavia as follows:

Disease	Cases	Deaths	Disease	Cases	Deaths
Anthrax	76	12	Poliomyelitis	7	
Diphtheria and croup	999	42	Scarlet fever	408	4
Dysentery	691	59	Sepsis	12	6
Erysipelas	204	5	Tetanus	36	17
Lethargic encephalitis	2		Typhoid fever	896	48
Measles	16		Typhus fever	13	
Meningococcus meningitis	10	2	Weil's disease	2	
Paratyphoid fever	38	3			

CHOLERA, PLAGUE, SMALLPOX, TYPHUS FEVER, AND YELLOW FEVER

NOTE.—A table giving current information of the world prevalence of quarantinable diseases appeared in the PUBLIC HEALTH REPORTS for October 29, 1937, pages 1547-1562. A similar cumulative table will appear in the PUBLIC HEALTH REPORTS to be issued November 26, 1937, and thereafter, at least for the time being, in the issue published on the last Friday of each month.

Cholera

China.—During the week ended October 30, 1937, cholera was reported in China as follows: Hong Kong, 4 cases; Shanghai, 99 cases.

French Indochina.—During the week ended October 30, 1937, cholera was reported in French Indochina as follows: Annam, 32 cases; Haiphong, 16 cases; Hanoi, 87 cases; Tonkin Province, 735 cases.

India (French).—On October 30, 1937, 2 cases of cholera were reported in Chandernagor, and on September 11, 1937, 1 case of cholera with 1 death was reported in Karikal, French India.

Plague

Belgian Congo—Kwadruma.—On October 29, 1937, 2 cases of plague, one case of which was pneumonic, were reported in Kwadruma, Belgian Congo.

Egypt.—Plague has been reported in Egypt as follows: November 2, 1937, 1 fatal case in Banimur, Asyut Province; October 28, 1937, 1 fatal case in Bate-El-Kurabi, Girga Province.

Hawaii Territory—Island of Hawaii—Hamakua District.—A rat found on October 26, and another rat found on October 27, both in Hamakua Mill Sector, and one rat, found on October 30, in Paauhau Sector, all in Hamakua District, Island of Hawaii, Hawaii Territory, have been proved plague infected.

United States—California.—A report of plague infection in California appears on page 1685 of this issue of PUBLIC HEALTH REPORTS.

Yellow Fever

Brazil—Amazonas State—Ambrosio Ayres.—On August 17, 1937, 1 death from yellow fever was reported in Ambrosio Ayres, Amazonas State, Brazil.

Gold Coast—Lawra.—On October 28, 1937, 1 case of yellow fever was reported in Lawra, Gold Coast.

Nigeria—Maiduguri.—On October 29, 1937, 1 fatal case of suspected yellow fever was reported in Maiduguri, Nigeria.

Senegal.—Yellow fever has been reported in Senegal as follows: November 4, 2 cases imported from Rufisque and Sebikotane, including 1 suspected case, were reported in Dakar; November 1, 1 suspected case was reported in Kaolakh; October 31, 1 case was reported in Khombole, Thies Circle.

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